

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW032023\
 Data File : VW025433.D
 Acq On : 20 Mar 2023 11:15
 Operator : SY/MD
 Sample : 01977-17MSD
 Misc : 6.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EYGA2MSD

Quant Time: Mar 20 23:51:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM030623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Mar 20 23:49:37 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	530450	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	369416	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.555	152	111392	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.368	65	202870	23.002	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.000%
7) Chloroethane-d5	2.899	69	162948	25.676	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.720%
11) 1,1-Dichloroethene-d2	4.027	63	391654	22.991	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.960%
21) 2-Butanone-d5	7.075	46	241927	111.750	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	223.500%#
24) Chloroform-d	7.648	84	425286	27.811	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	111.240%
26) 1,2-Dichloroethane-d4	8.306	65	265798	32.383	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	129.520%
32) Benzene-d6	8.276	84	828231	32.812	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	131.240%
36) 1,2-Dichloropropane-d6	9.276	67	286310	36.665	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	146.640%#
41) Toluene-d8	10.324	98	643524	28.916	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.680%
43) trans-1,3-Dichloroprop...	10.574	79	97205	31.261	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	125.040%
47) 2-Hexanone-d5	10.922	63	151555	134.969	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	269.940%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	289807	50.657	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	202.640%#
66) 1,2-Dichlorobenzene-d4	13.848	152	134635	32.502	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	130.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	104869	17.299	ug/L #	76
3) Chloromethane	2.228	50	189608	26.299	ug/L	96
5) Vinyl chloride	2.375	62	215950	26.512	ug/L	97
6) Bromomethane	2.789	94	114612	26.392	ug/L	96
8) Chloroethane	2.935	64	126601	27.043	ug/L	96
9) Trichlorofluoromethane	3.271	101	153402	21.759	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.075	101	168529	24.649	ug/L	94
13) Acetone	4.118	43	157898	75.871	ug/L	99
14) Carbon disulfide	4.392	76	452292	21.991	ug/L	98
15) Methyl Acetate	4.667	43	170618	43.702	ug/L	98
16) Methylene chloride	4.923	84	203666	27.574	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	162389	23.418	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	392311	37.579	ug/L #	94
19) 1,1-Dichloroethane	6.215	63	385084	26.817	ug/L	100
20) cis-1,2-Dichloroethene	7.172	96	192714	25.383	ug/L #	98
22) 2-Butanone	7.172	43	230364	85.568	ug/L	99
23) Bromochloromethane	7.520	128	92715	28.398	ug/L	91
25) Chloroform	7.678	83	362449	26.850	ug/L	99
27) 1,2-Dichloroethane	8.398	62	282635	31.374	ug/L	99

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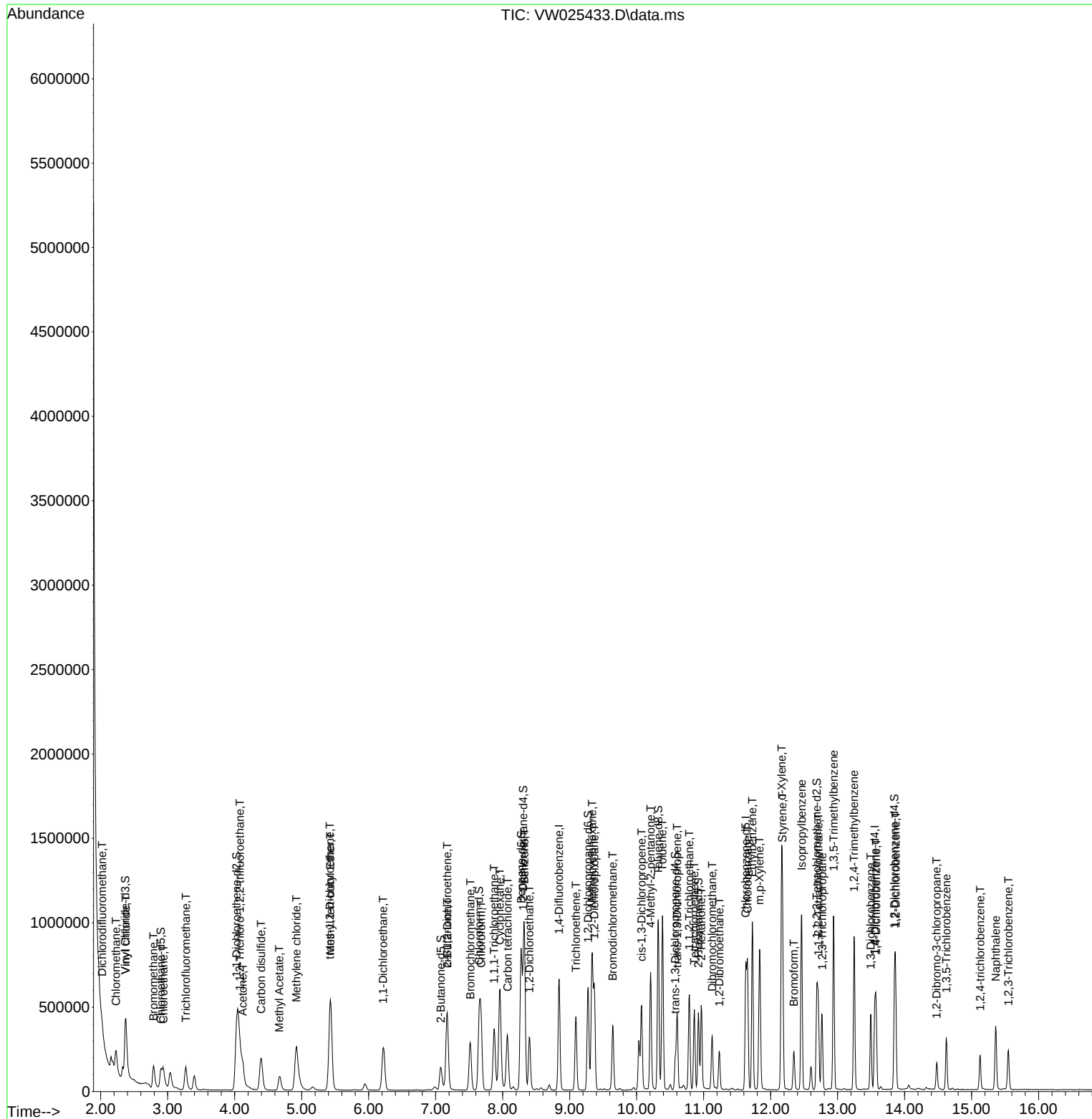
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	353511	33.902	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	288121	32.809	ug/L	100
31) Carbon tetrachloride	8.075	117	245798	31.225	ug/L	99
33) Benzene	8.325	78	790113	33.453	ug/L	100
34) Trichloroethene	9.093	95	153363	24.740	ug/L	99
35) Methylcyclohexane	9.337	83	301348	28.220	ug/L	98
37) 1,2-Dichloropropane	9.367	63	228931	35.213	ug/L	100
38) Bromodichloromethane	9.642	83	254571	33.575	ug/L	98
39) cis-1,3-Dichloropropene	10.074	75	288692	30.824	ug/L	98
40) 4-Methyl-2-pentanone	10.208	43	480505	122.971	ug/L	99
42) Toluene	10.385	91	729453	29.913	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	239435	30.527	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	178877	40.970	ug/L	96
46) Tetrachloroethene	10.861	164	98378	22.304	ug/L	96
48) 2-Hexanone	10.964	43	323153	114.950	ug/L	99
49) Dibromochloromethane	11.129	129	158671	34.013	ug/L	95
50) 1,2-Dibromoethane	11.233	107	147090	36.396	ug/L #	96
51) Chlorobenzene	11.653	112	357489	23.098	ug/L	99
52) Ethylbenzene	11.727	91	676939	24.340	ug/L	98
53) m,p-Xylene	11.836	106	252769	24.641	ug/L	99
54) o-Xylene	12.165	106	272806	28.262	ug/L	94
55) Styrene	12.178	104	378766	22.978	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.714	83	248382	45.735	ug/L	97
59) Bromoform	12.348	173	97085	60.409	ug/L	98
60) Isopropylbenzene	12.464	105	664939	40.044	ug/L	99
61) 1,2,3-Trichloropropane	12.769	75	187017	77.059	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	516386	39.265	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	476443	36.774	ug/L	99
64) 1,3-Dichlorobenzene	13.494	146	170065	24.170	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	170438	23.615	ug/L	90
67) 1,2-Dichlorobenzene	13.866	146	200789	31.817	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	41856	74.497	ug/L	91
69) 1,3,5-Trichlorobenzene	14.622	180	87986	18.395	ug/L	97
70) 1,2,4-trichlorobenzene	15.128	180	60266	15.196	ug/L	100
71) Naphthalene	15.360	128	310618	39.679	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	71588	20.098	ug/L	99

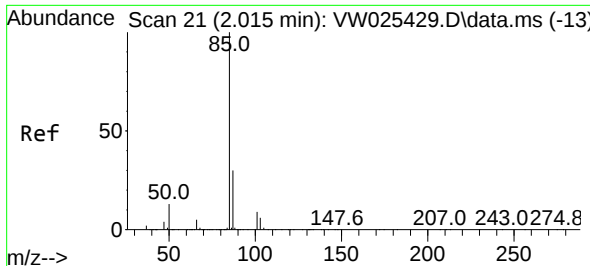
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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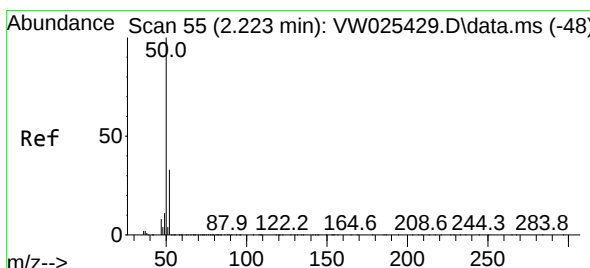
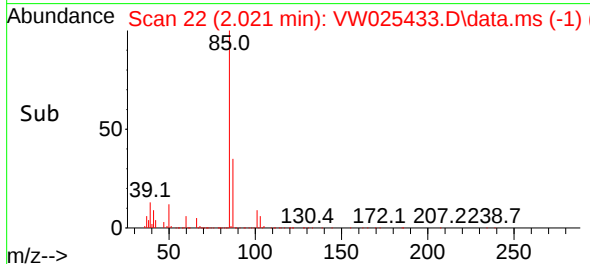
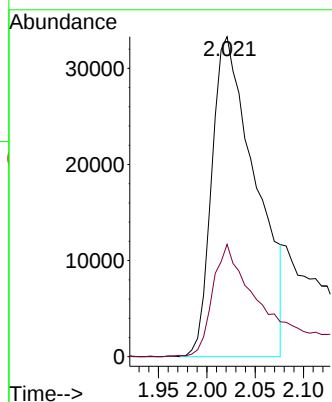
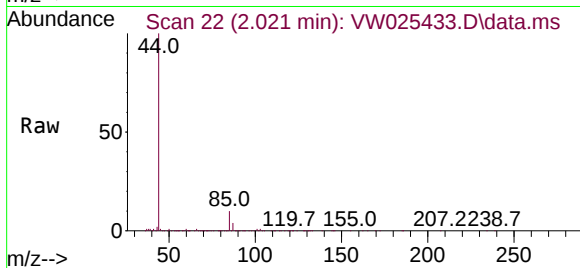




#2
 Dichlorodifluoromethane
 Concen: 17.299 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW025433.D
 Acq: 20 Mar 2023 11:15

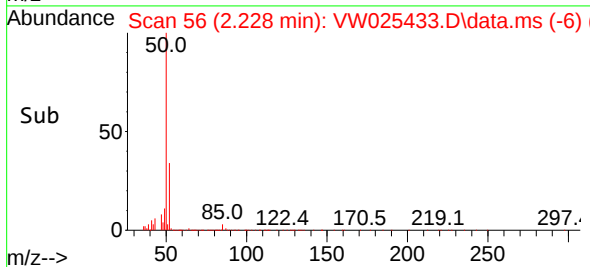
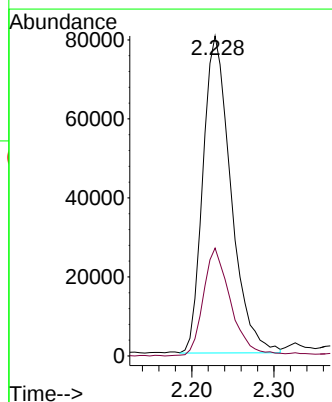
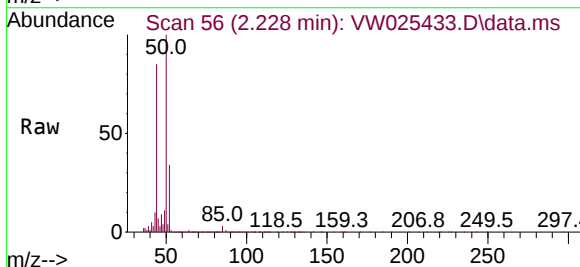
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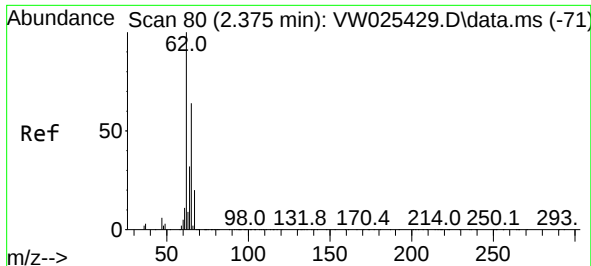
Tgt Ion: 85 Resp: 104869
 Ion Ratio Lower Upper
 85 100
 87 37.6 20.5 30.7#



#3
 Chloromethane
 Concen: 26.299 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW025433.D
 Acq: 20 Mar 2023 11:15

Tgt Ion: 50 Resp: 189608
 Ion Ratio Lower Upper
 50 100
 52 33.7 21.9 40.7

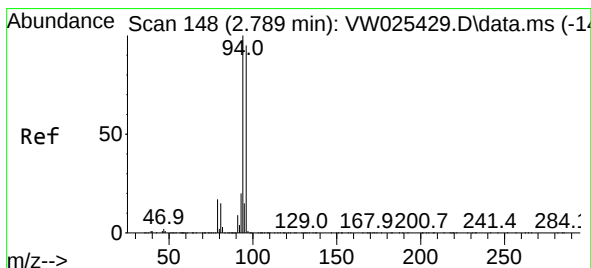
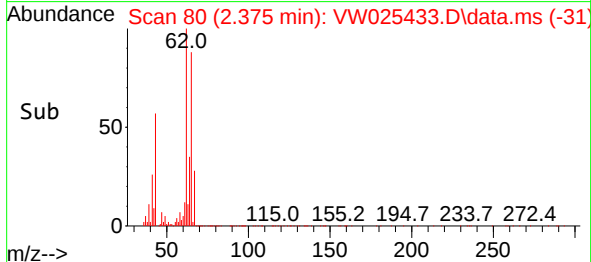
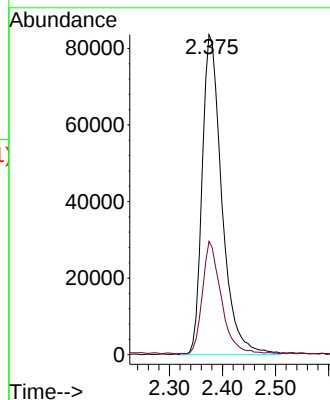
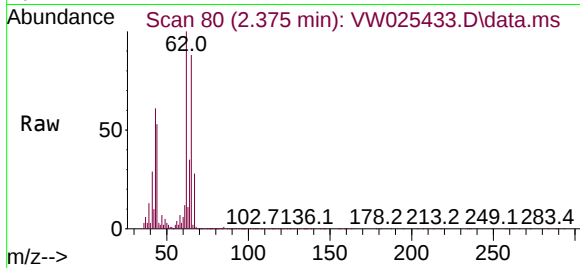




#5
 Vinyl chloride
 Concen: 26.512 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW025433.D
 Acq: 20 Mar 2023 11:15

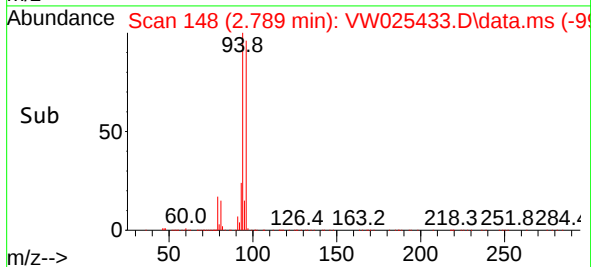
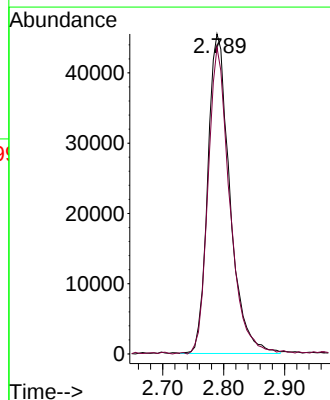
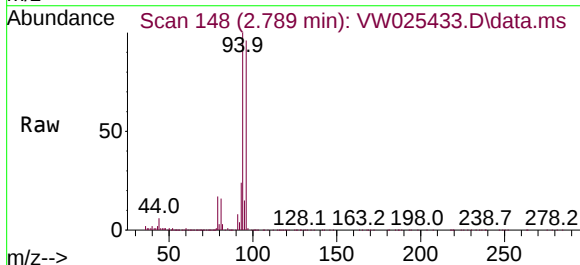
Instrument :
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 ClientSampleId :
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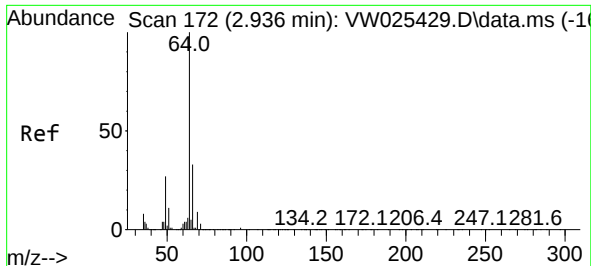
Tgt Ion: 62 Resp: 215950
 Ion Ratio Lower Upper
 62 100
 64 35.4 23.4 43.6



#6
 Bromomethane
 Concen: 26.392 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW025433.D
 Acq: 20 Mar 2023 11:15

Tgt Ion: 94 Resp: 114612
 Ion Ratio Lower Upper
 94 100
 96 95.8 64.5 119.9

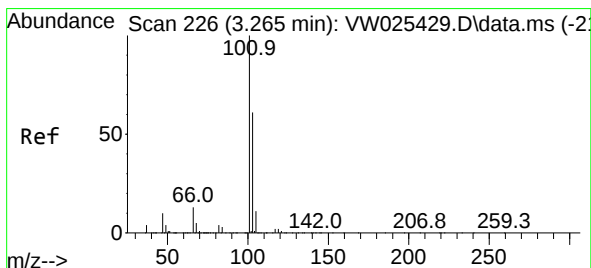
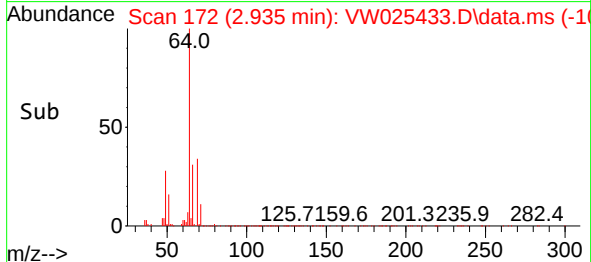
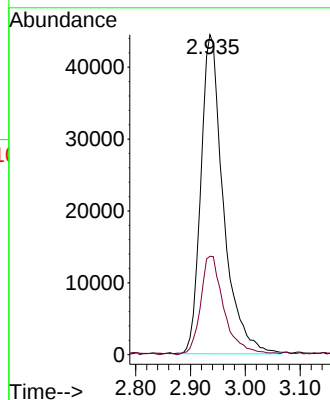
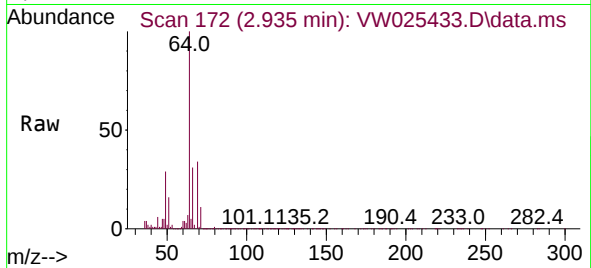




#8
Chloroethane
Concen: 27.043 ug/L
RT: 2.935 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

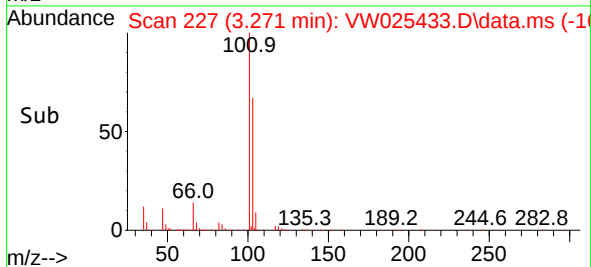
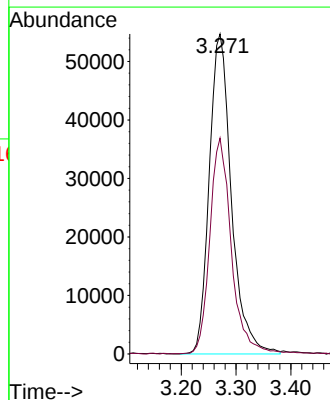
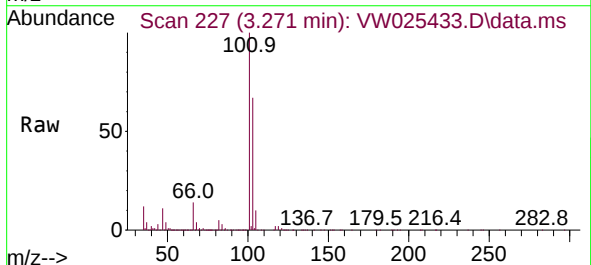
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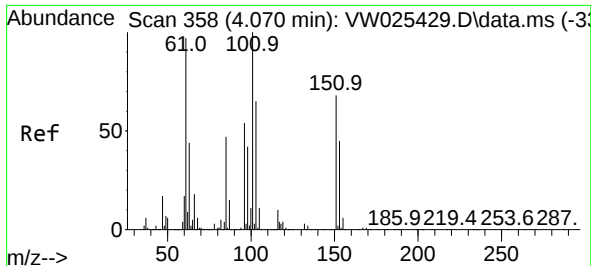
Tgt Ion: 64 Resp: 126601
Ion Ratio Lower Upper
64 100
66 30.8 23.3 43.3



#9
Trichlorofluoromethane
Concen: 21.759 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

Tgt Ion: 101 Resp: 153402
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

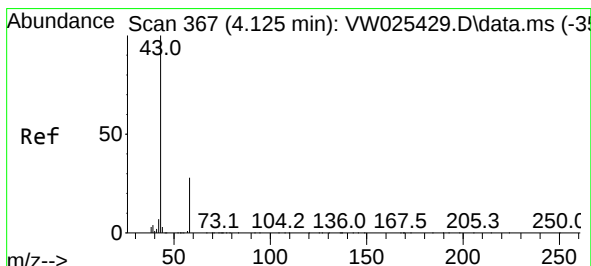
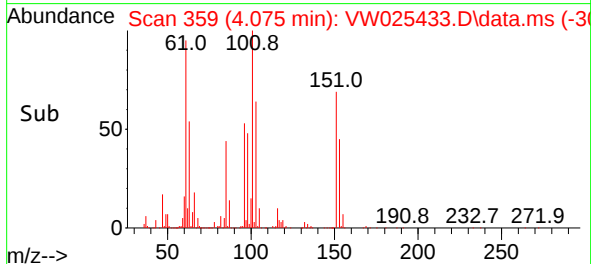
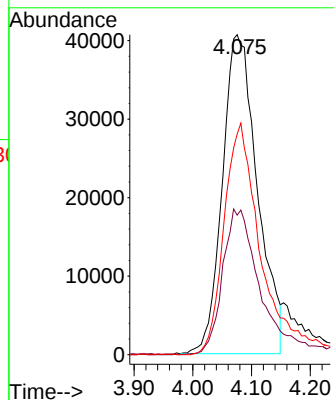
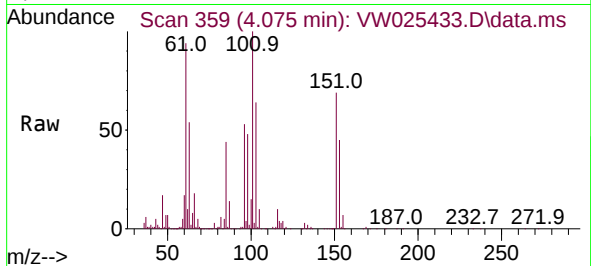




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.649 ug/L
 RT: 4.075 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW025433.D
 Acq: 20 Mar 2023 11:15

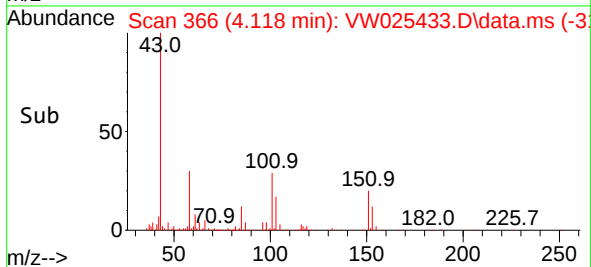
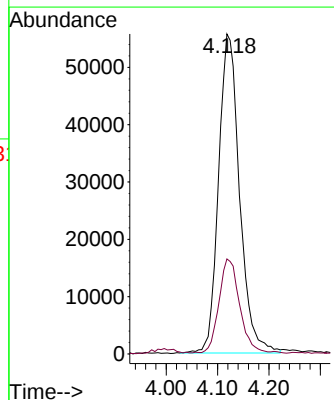
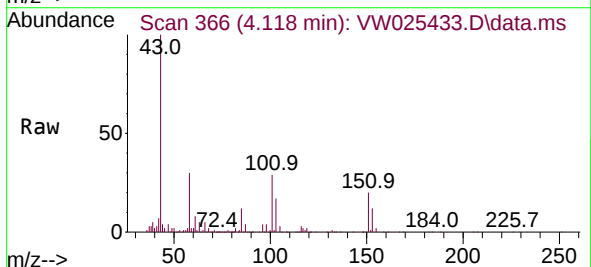
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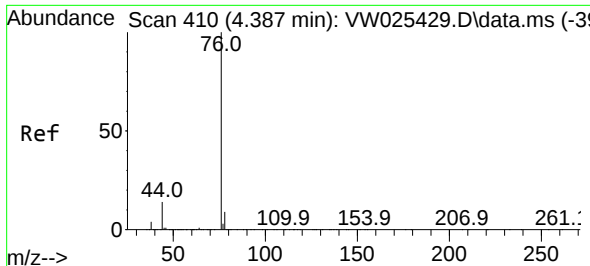
Tgt Ion:101 Resp: 168529
 Ion Ratio Lower Upper
 101 100
 85 48.6 35.8 53.8
 151 72.3 54.2 81.2



#13
 Acetone
 Concen: 75.871 ug/L
 RT: 4.118 min Scan# 366
 Delta R.T. -0.006 min
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Tgt Ion: 43 Resp: 157898
 Ion Ratio Lower Upper
 43 100
 58 29.3 0.0 60.0

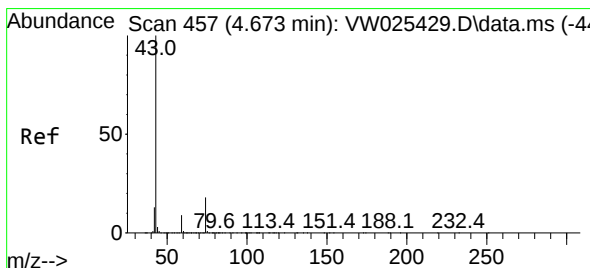
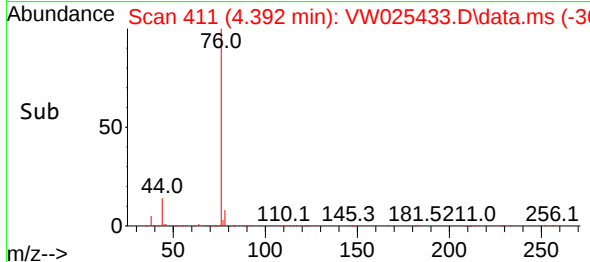
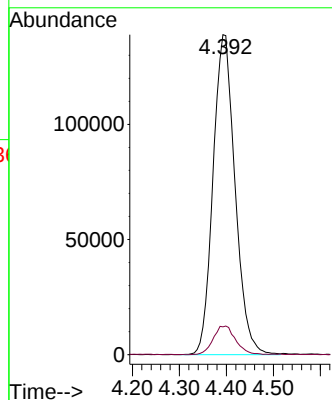
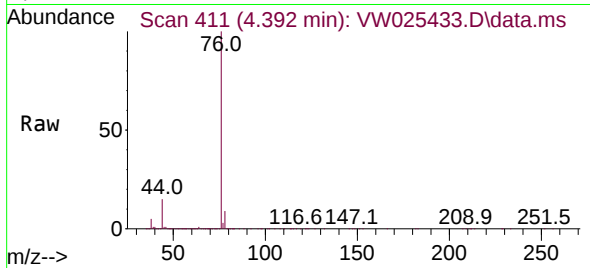




#14
Carbon disulfide
Concen: 21.991 ug/L
RT: 4.392 min Scan# 411
Delta R.T. 0.006 min
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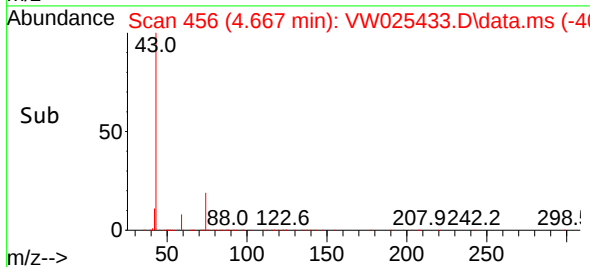
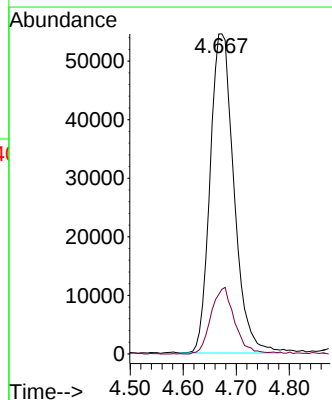
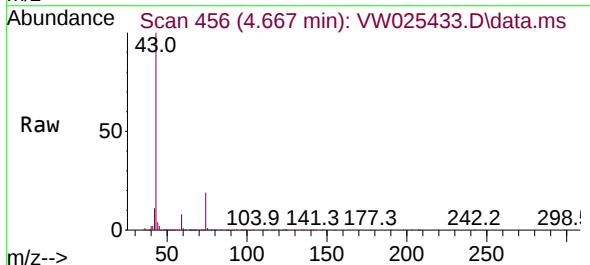
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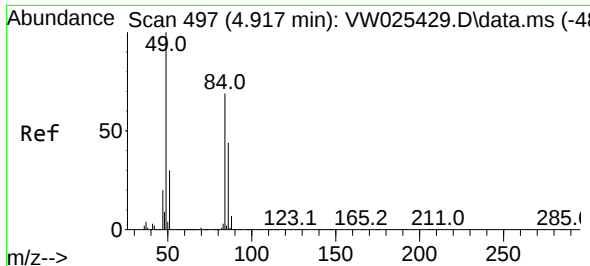
Tgt Ion: 76 Resp: 452292
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4



#15
Methyl Acetate
Concen: 43.702 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW025433.D
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Tgt Ion: 43 Resp: 170618
Ion Ratio Lower Upper
43 100
74 20.4 17.0 25.4

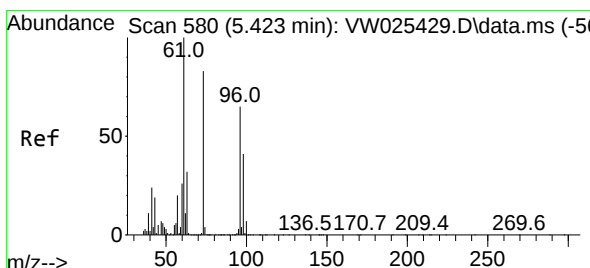
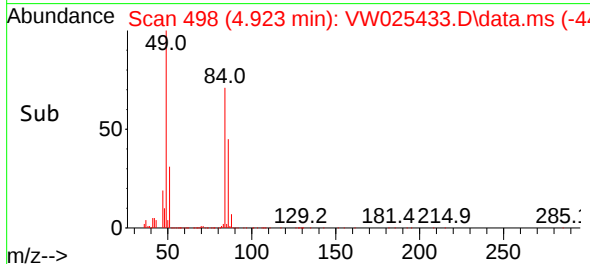
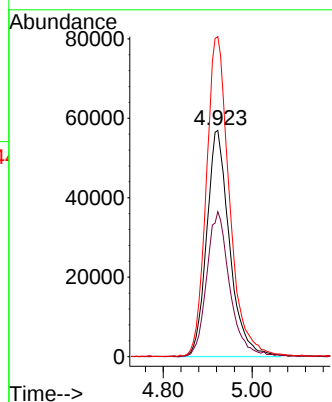
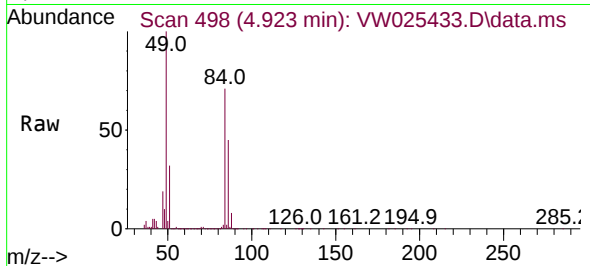




#16
Methylene chloride
Concen: 27.574 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

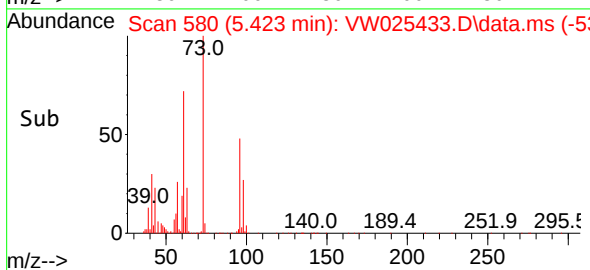
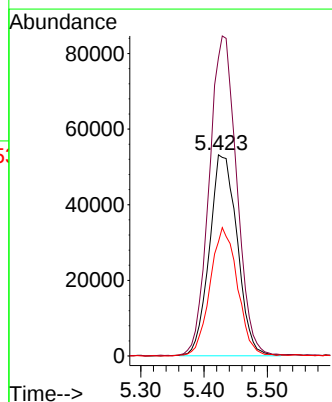
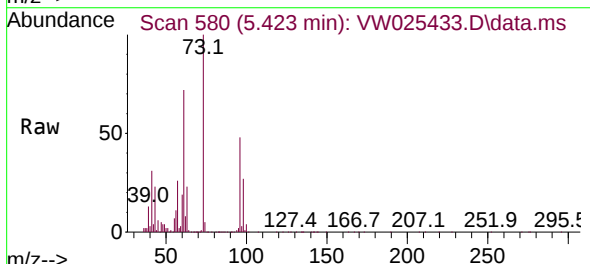
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MSD

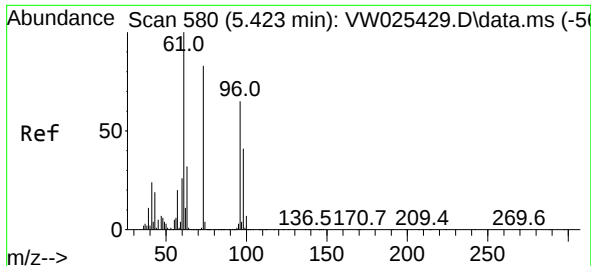
Tgt Ion: 84 Resp: 203666
Ion Ratio Lower Upper
84 100
86 64.0 45.1 83.7
49 141.3 94.7 175.9



#17
trans-1,2-Dichloroethene
Concen: 23.418 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.000 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

Tgt Ion: 96 Resp: 162389
Ion Ratio Lower Upper
96 100
61 148.2 103.0 191.4
98 56.7 43.4 80.6

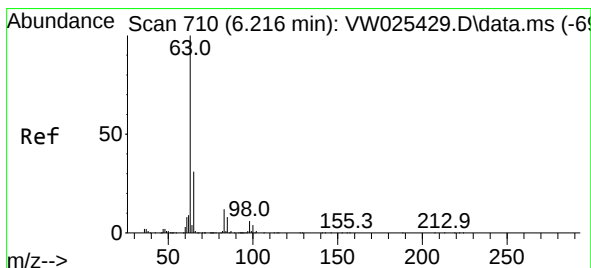
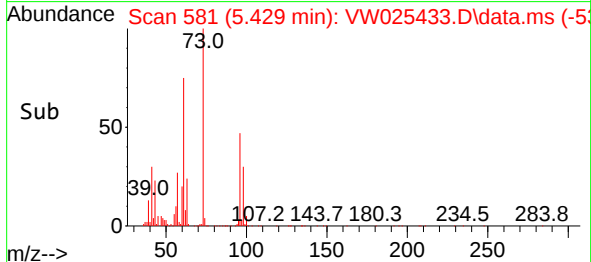
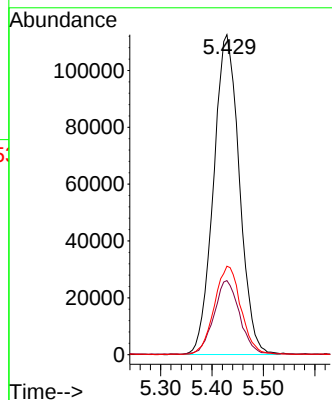
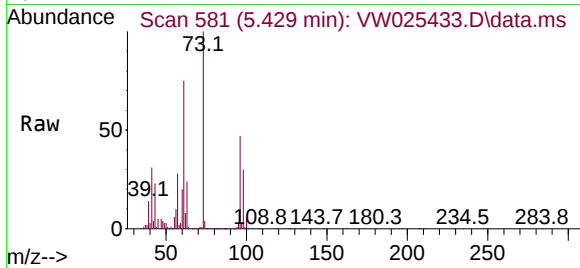




#18
Methyl tert-butyl Ether
Concen: 37.579 ug/L
RT: 5.429 min Scan# 580
Delta R.T. 0.006 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

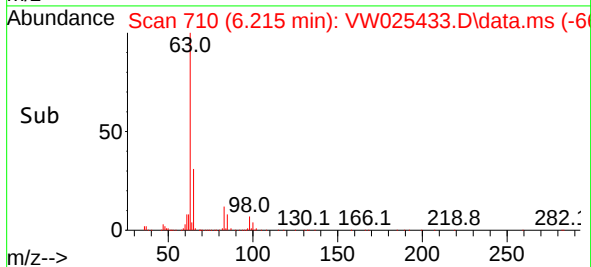
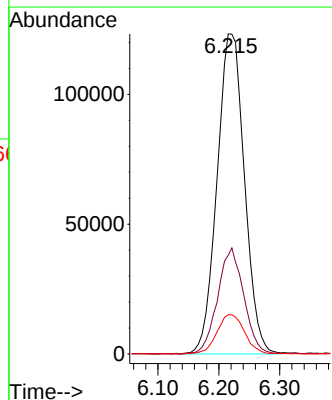
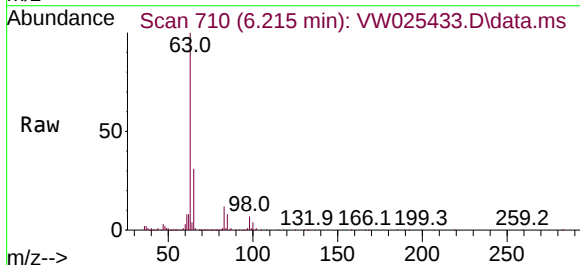
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MSD

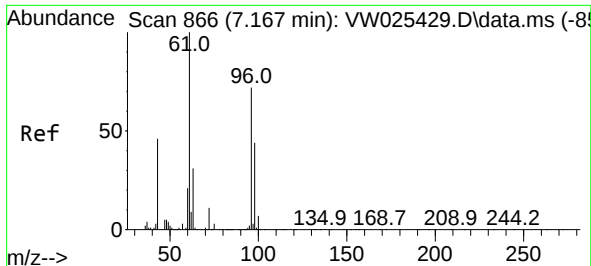
Tgt Ion: 73 Resp: 392311
Ion Ratio Lower Upper
73 100
43 22.9 17.6 26.4
57 28.3 18.6 28.0#



#19
1,1-Dichloroethane
Concen: 26.817 ug/L
RT: 6.215 min Scan# 710
Delta R.T. -0.000 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

Tgt Ion: 63 Resp: 385084
Ion Ratio Lower Upper
63 100
65 30.8 21.7 40.3
83 12.2 8.4 15.6

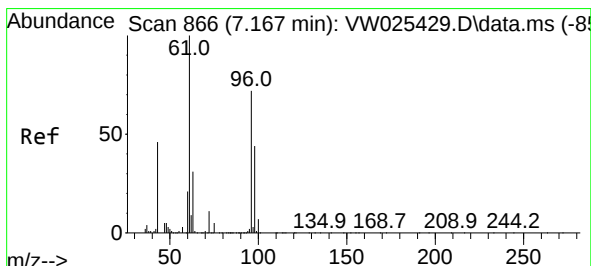
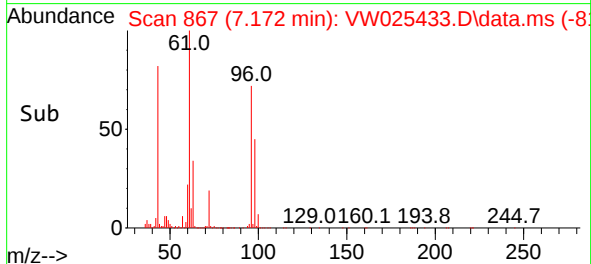
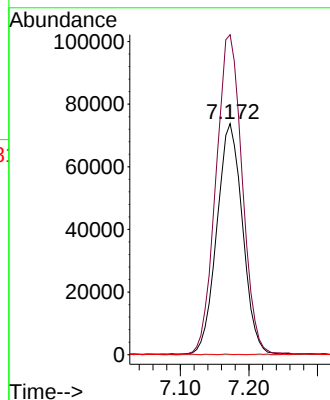
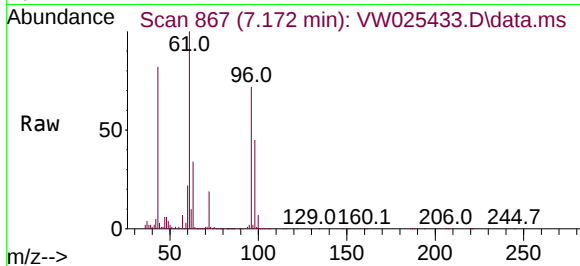




#20
cis-1,2-Dichloroethene
Concen: 25.383 ug/L
RT: 7.172 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

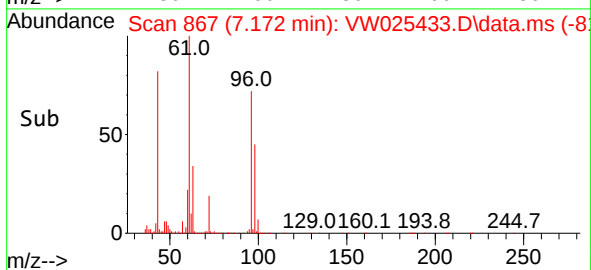
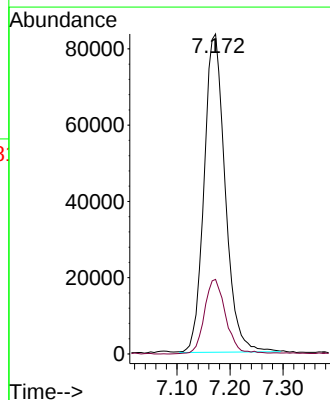
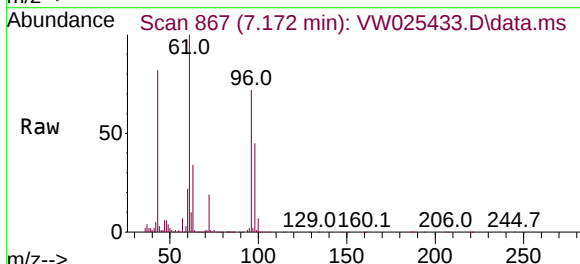
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MSD

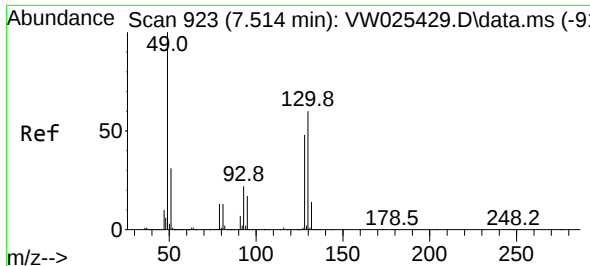
Tgt Ion: 96 Resp: 192714
Ion Ratio Lower Upper
96 100
61 138.5 95.5 177.4
68 0.2 0.1 0.1#



#22
2-Butanone
Concen: 85.568 ug/L
RT: 7.172 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

Tgt Ion: 43 Resp: 230364
Ion Ratio Lower Upper
43 100
72 23.4 12.0 36.1

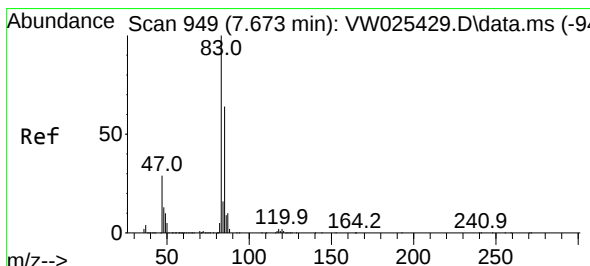
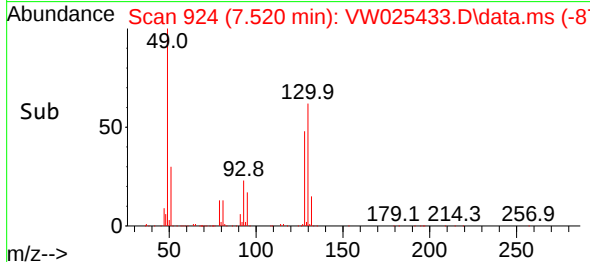
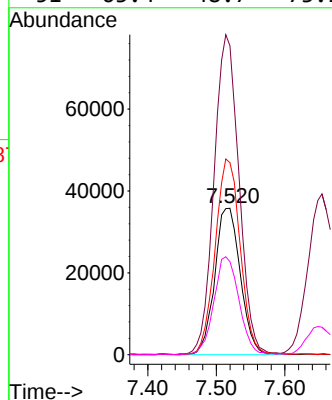
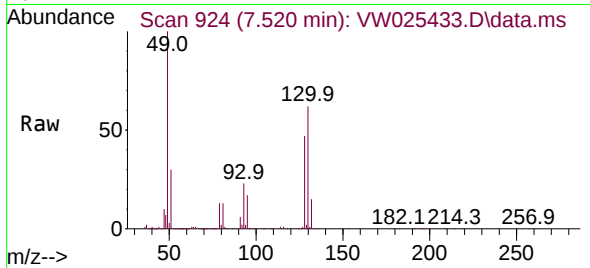




#23
Bromochloromethane
Concen: 28.398 ug/L
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

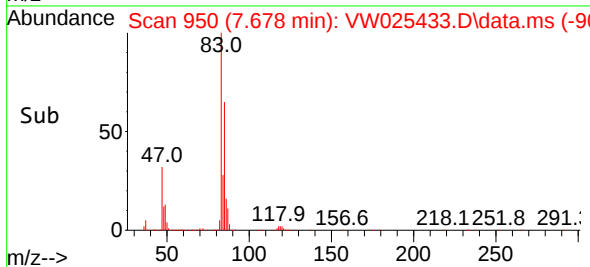
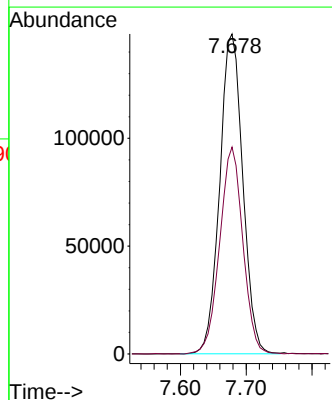
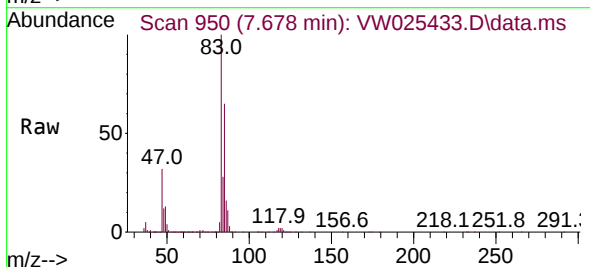
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MSD

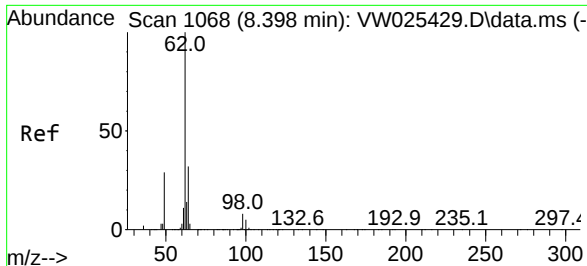
Tgt Ion:128 Resp: 92715
Ion Ratio Lower Upper
128 100
49 210.9 140.6 261.0
130 131.2 80.8 150.0
51 63.4 48.7 73.1



#25
Chloroform
Concen: 26.850 ug/L
RT: 7.678 min Scan# 950
Delta R.T. 0.006 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

Tgt Ion: 83 Resp: 362449
Ion Ratio Lower Upper
83 100
85 64.7 44.7 82.9





#27

1,2-Dichloroethane

Concen: 31.374 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW025433.D

Acq: 20 Mar 2023 11:15

Instrument :

MSVOA_W

ClientSampleId :

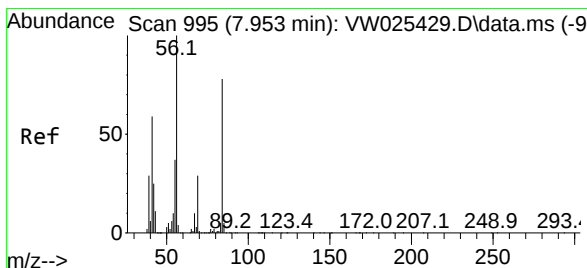
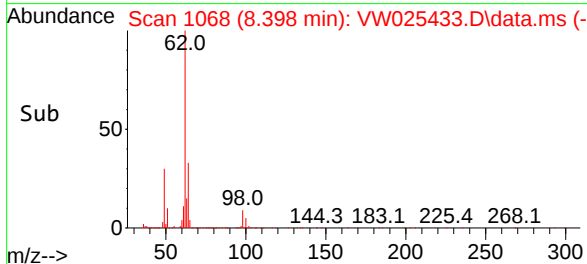
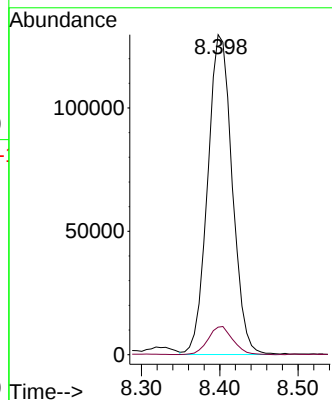
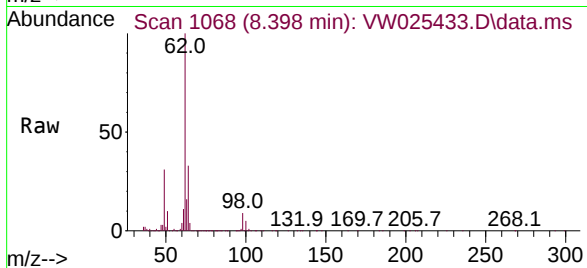
EYGA2MSD

Tgt Ion: 62 Resp: 282635

Ion Ratio Lower Upper

62 100

98 8.6 7.2 10.8



#29

Cyclohexane

Concen: 33.902 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.006 min

Lab File: VW025433.D

Acq: 20 Mar 2023 11:15

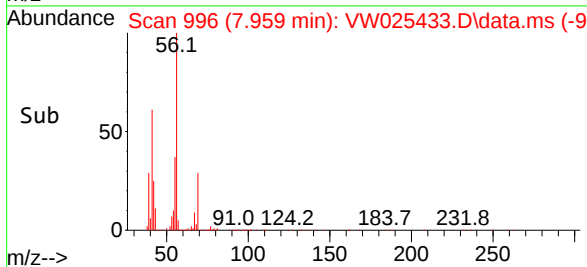
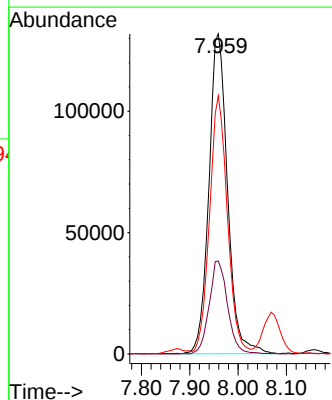
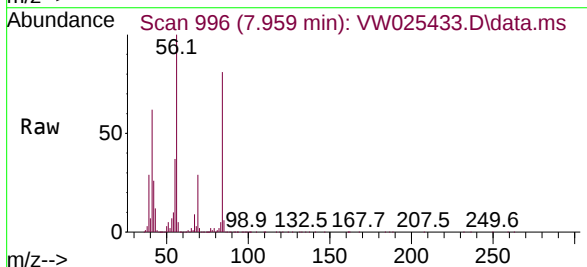
Tgt Ion: 56 Resp: 353511

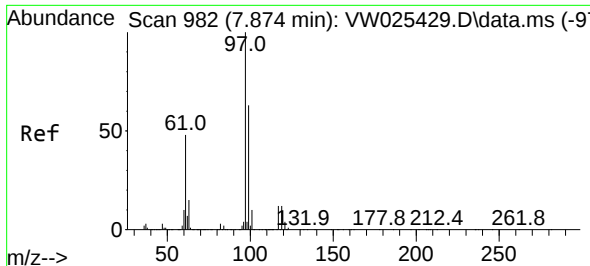
Ion Ratio Lower Upper

56 100

69 28.6 23.1 34.7

84 77.4 63.9 95.9

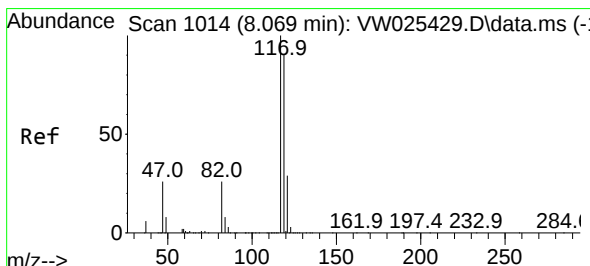
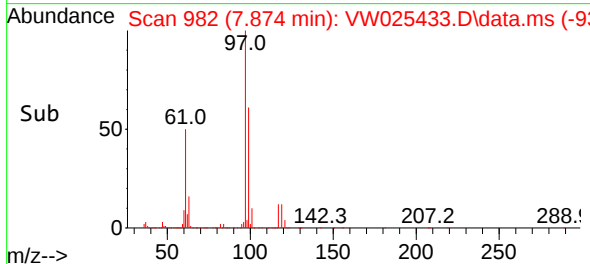
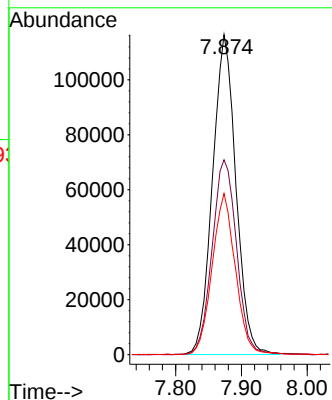
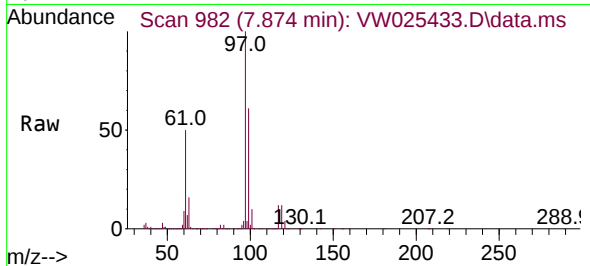




#30
 1,1,1-Trichloroethane
 Concen: 32.809 ug/L
 RT: 7.874 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VW025433.D
 Acq: 20 Mar 2023 11:15

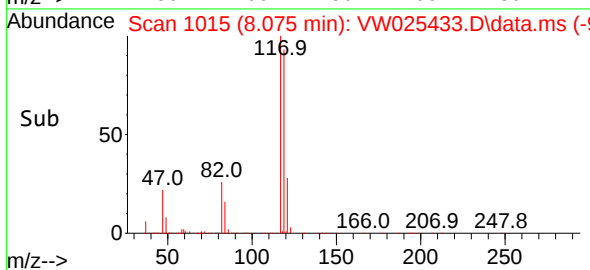
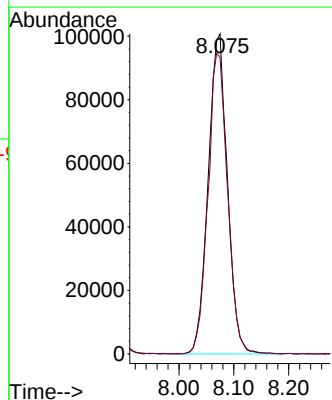
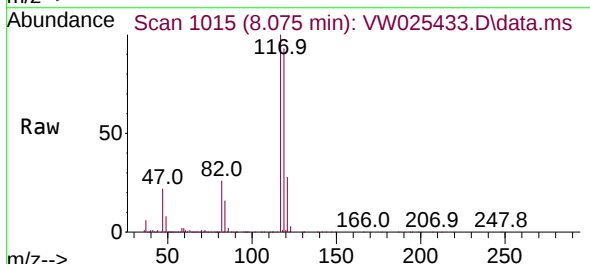
Instrument :
 MSVOA_W
 ClientSampleId :
 EYGA2MSD

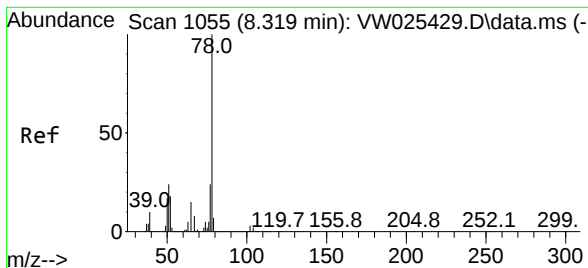
Tgt Ion:	97	Resp:	288121
Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.9	76.3
61	50.1	39.8	59.6



#31
 Carbon tetrachloride
 Concen: 31.225 ug/L
 RT: 8.075 min Scan# 1015
 Delta R.T. 0.006 min
 Lab File: VW025433.D
 Acq: 20 Mar 2023 11:15

Tgt Ion:	117	Resp:	245798
Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.8	113.6





#33

Benzene

Concen: 33.453 ug/L

RT: 8.325 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VW025433.D

Acq: 20 Mar 2023 11:15

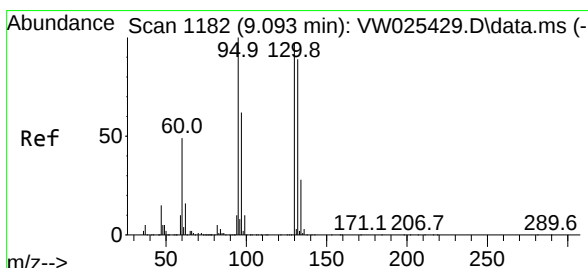
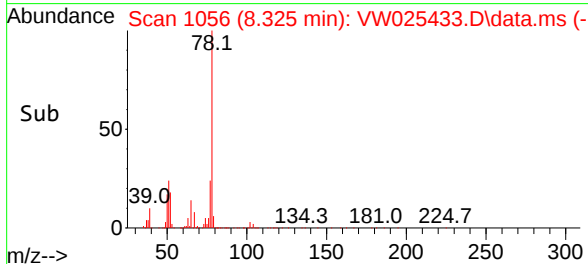
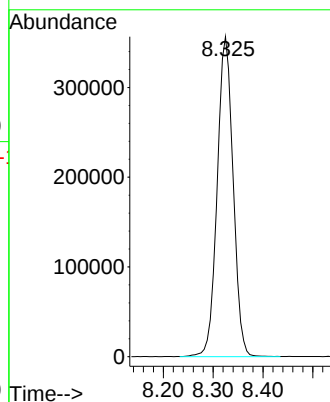
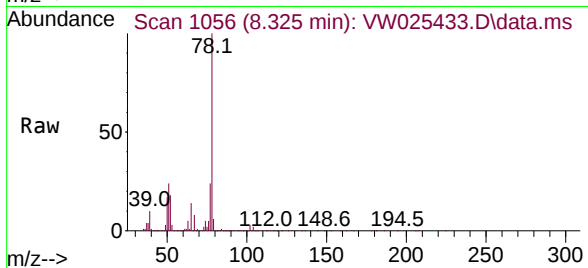
Instrument :

MSVOA_W

ClientSampleId :

EYGA2MSD

Tgt Ion: 78 Resp: 790113



#34

Trichloroethene

Concen: 24.740 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW025433.D

Acq: 20 Mar 2023 11:15

Tgt Ion: 95 Resp: 153363

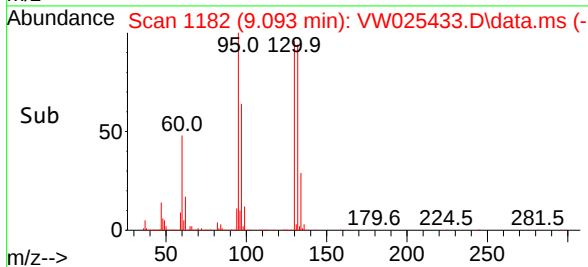
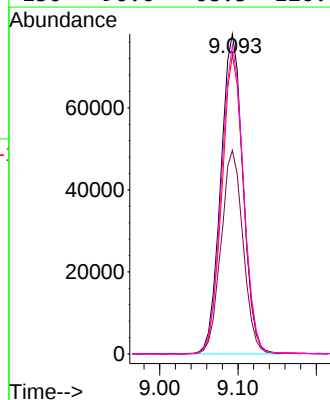
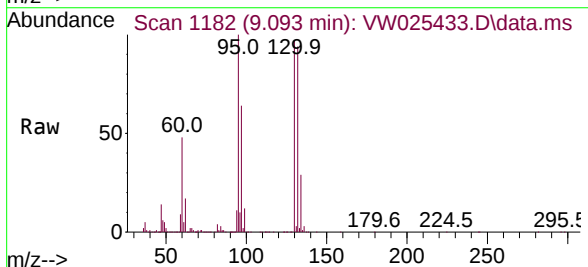
Ion Ratio Lower Upper

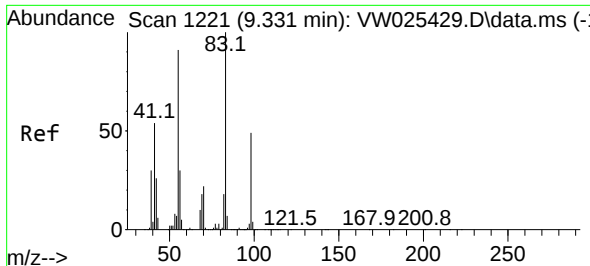
95 100

97 63.6 43.8 81.4

132 93.5 65.9 122.3

130 96.6 68.3 126.8

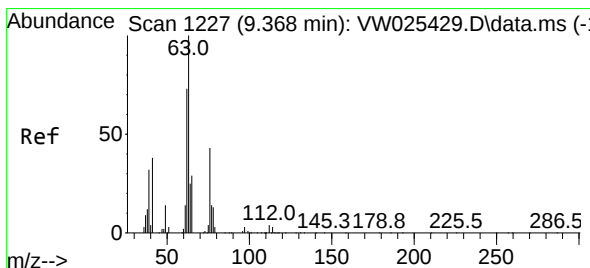
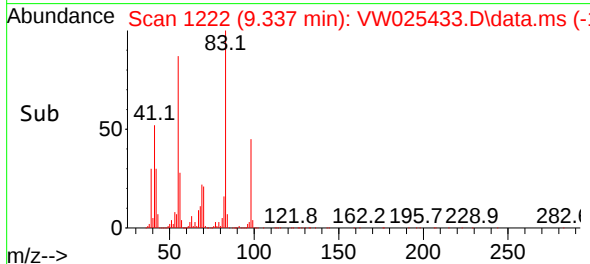
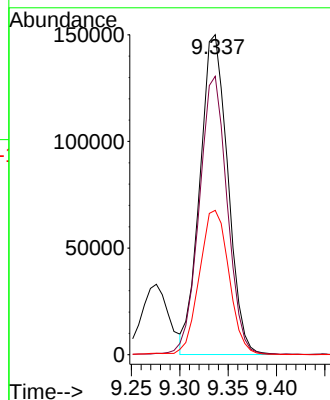
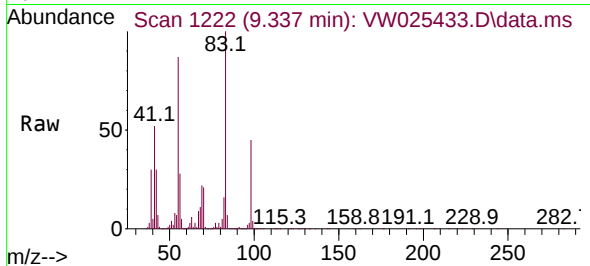




#35
Methylcyclohexane
Concen: 28.220 ug/L
RT: 9.337 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

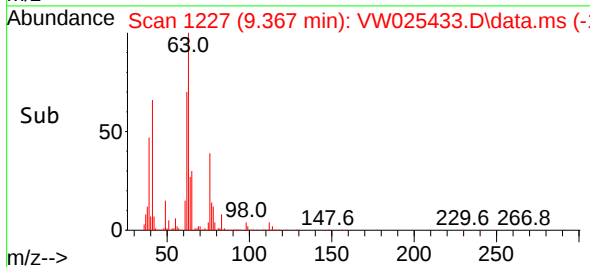
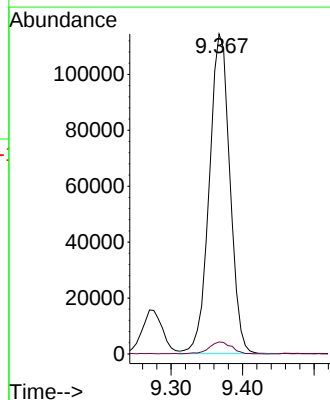
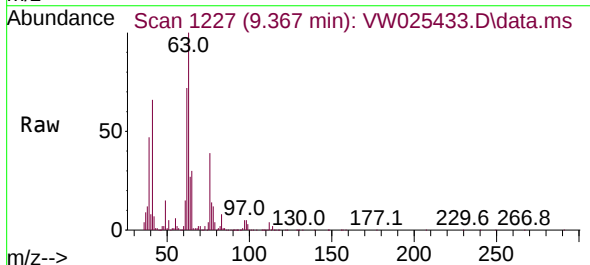
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MSD

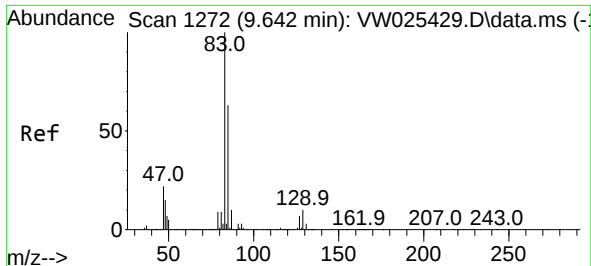
Tgt Ion: 83 Resp: 301348
Ion Ratio Lower Upper
83 100
55 87.0 68.2 102.4
98 47.7 39.0 58.4



#37
1,2-Dichloropropane
Concen: 35.213 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

Tgt Ion: 63 Resp: 228931
Ion Ratio Lower Upper
63 100
112 4.1 3.2 4.8

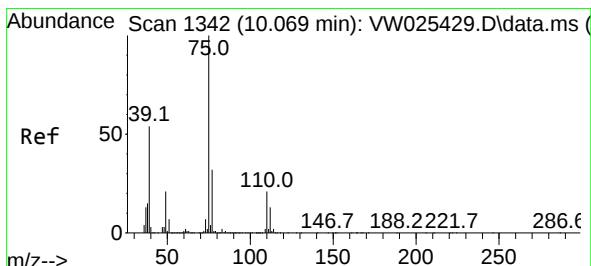
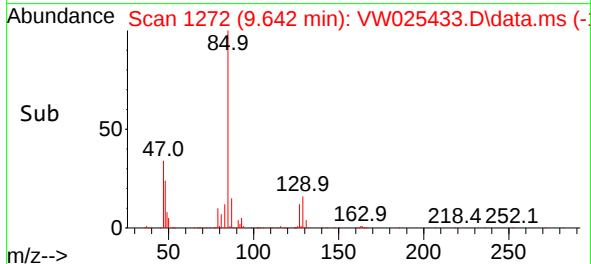
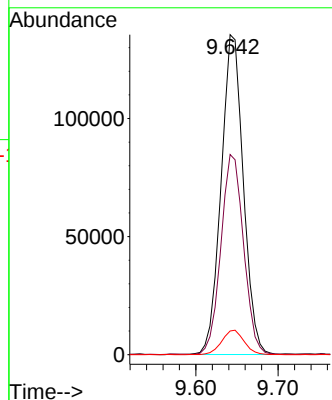
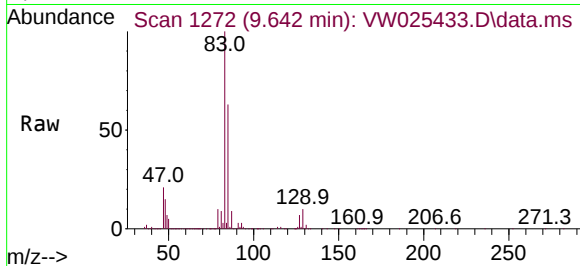




#38
Bromodichloromethane
Concen: 33.575 ug/L
RT: 9.642 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

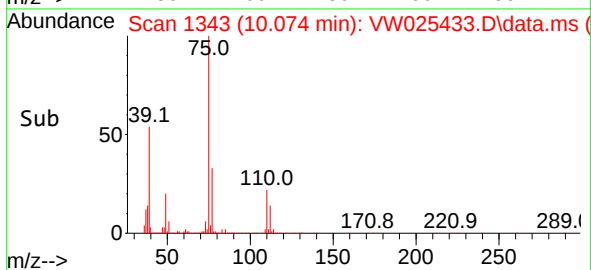
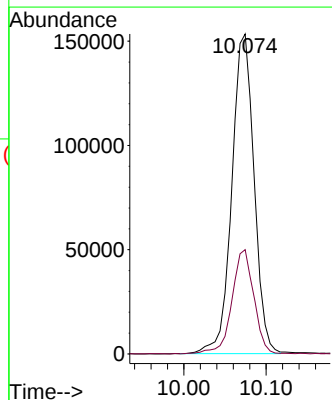
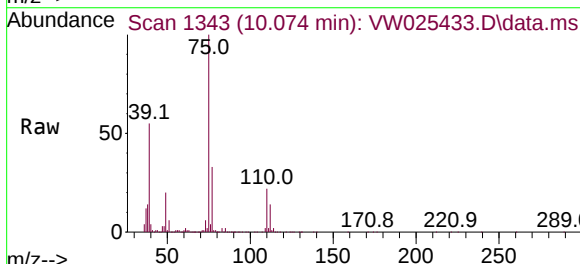
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MSD

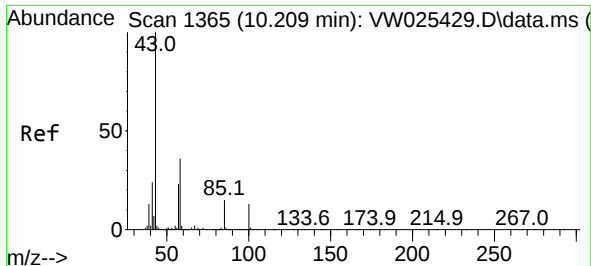
Tgt Ion: 83 Resp: 254571
Ion Ratio Lower Upper
83 100
85 62.5 44.7 83.1
127 7.4 6.1 9.1



#39
cis-1,3-Dichloropropene
Concen: 30.824 ug/L
RT: 10.074 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

Tgt Ion: 75 Resp: 288692
Ion Ratio Lower Upper
75 100
77 32.6 22.0 41.0





#40

4-Methyl-2-pentanone

Concen: 122.971 ug/L

RT: 10.208 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW025433.D

Acq: 20 Mar 2023 11:15

Instrument :

MSVOA_W

ClientSampleId :

EYGA2MSD

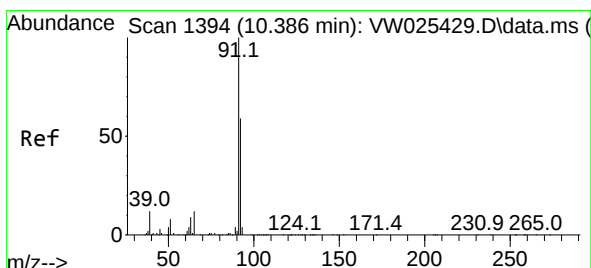
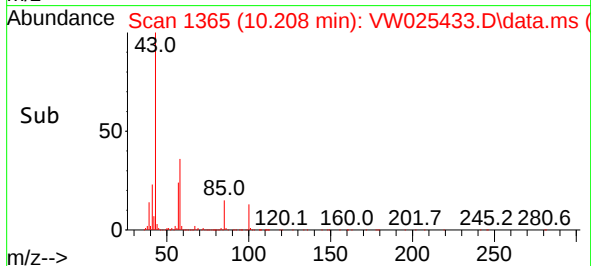
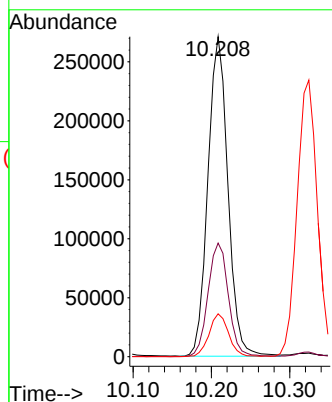
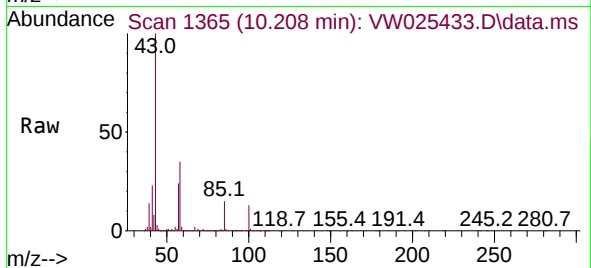
Tgt Ion: 43 Resp: 480505

Ion Ratio Lower Upper

43 100

58 36.3 29.6 44.4

100 13.2 10.6 16.0



#42

Toluene

Concen: 29.913 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW025433.D

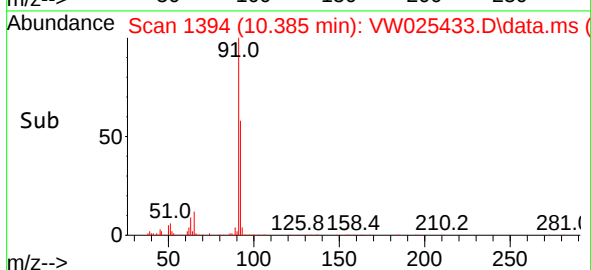
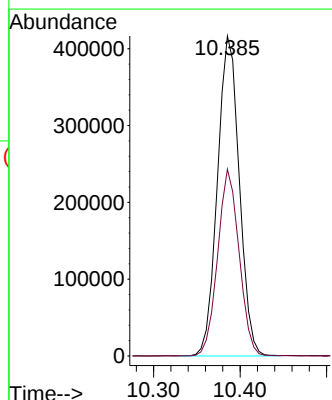
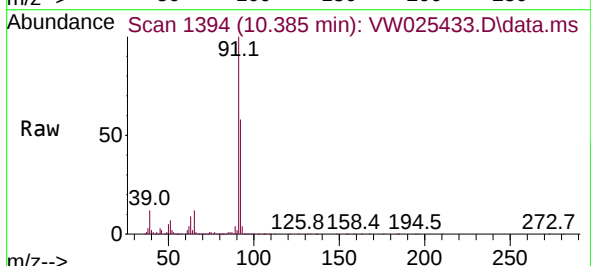
Acq: 20 Mar 2023 11:15

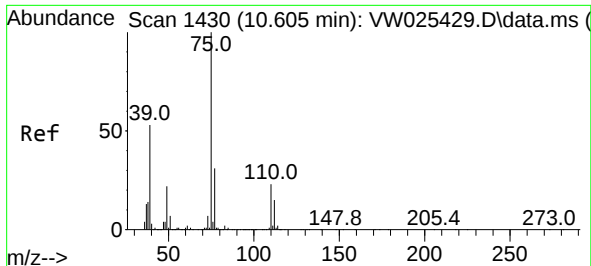
Tgt Ion: 91 Resp: 729453

Ion Ratio Lower Upper

91 100

92 58.4 41.6 77.3

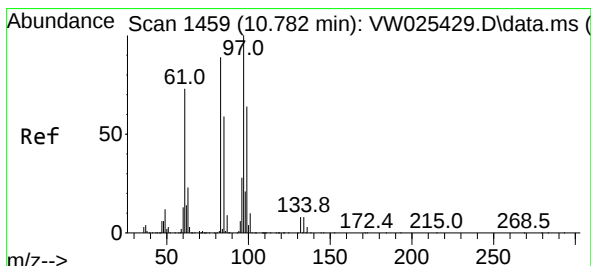
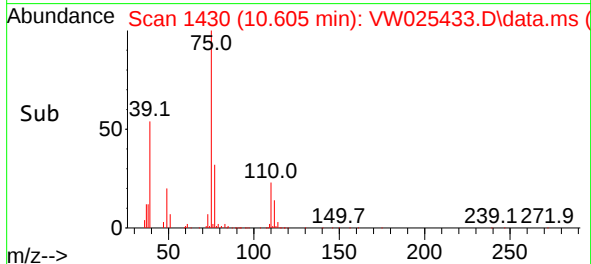
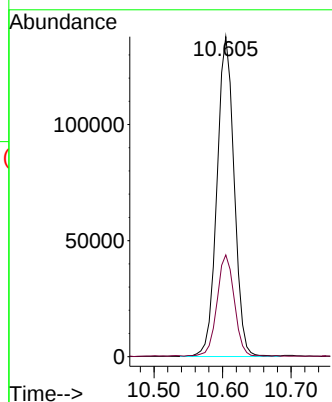
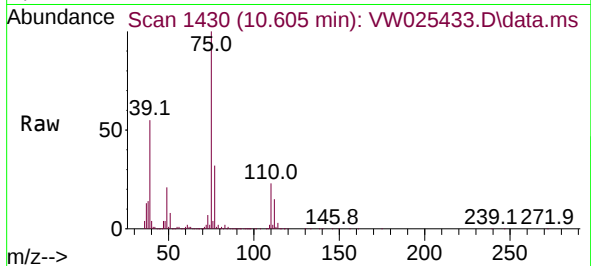




#44
trans-1,3-Dichloropropene
Concen: 30.527 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

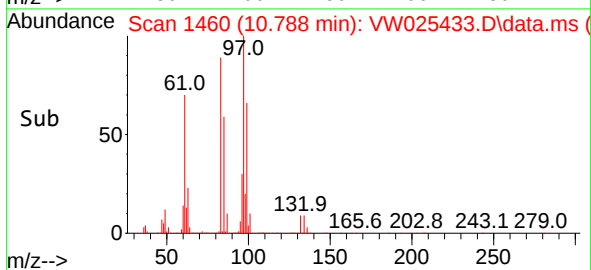
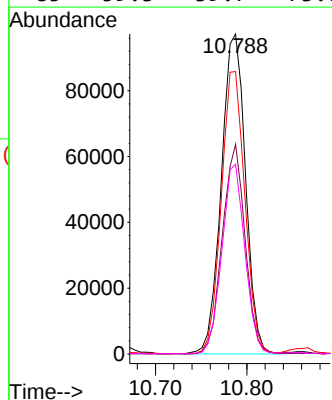
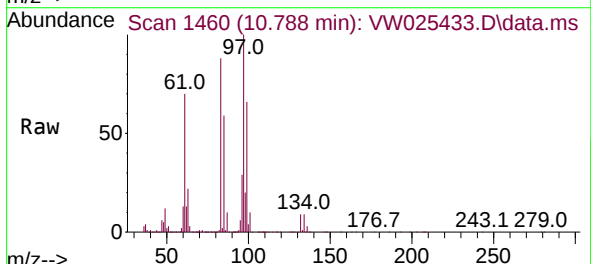
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MSD

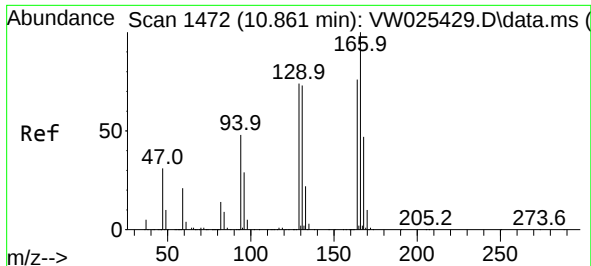
Tgt Ion: 75 Resp: 239435
Ion Ratio Lower Upper
75 100
77 31.8 22.3 41.3



#45
1,1,2-Trichloroethane
Concen: 40.970 ug/L
RT: 10.788 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

Tgt Ion: 97 Resp: 178877
Ion Ratio Lower Upper
97 100
99 65.5 42.6 79.0
83 88.3 60.5 112.3
85 59.3 39.7 73.7



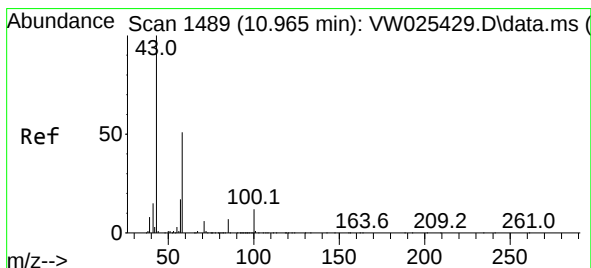
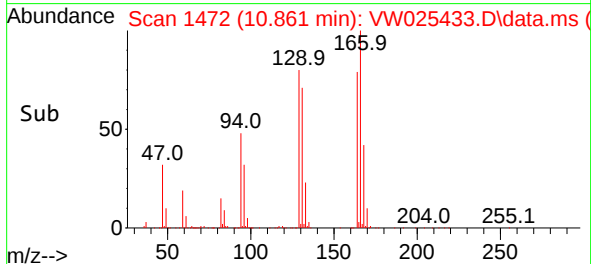
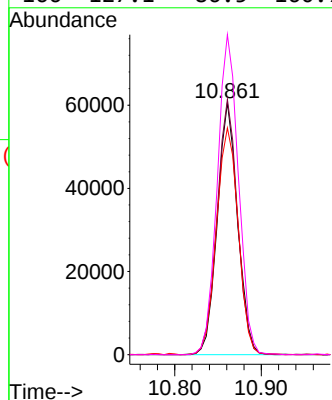
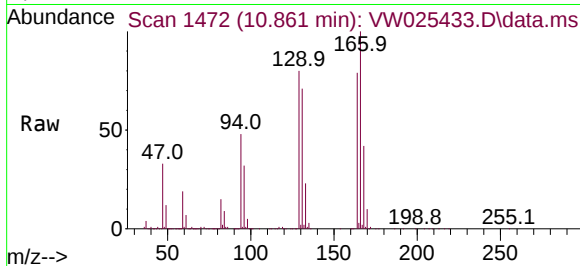


#46
Tetrachloroethene
Concen: 22.304 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

Instrument :
MSVOA_W
ClientSampleId :
EYGA2MSD

Tgt Ion:164 Resp: 98378

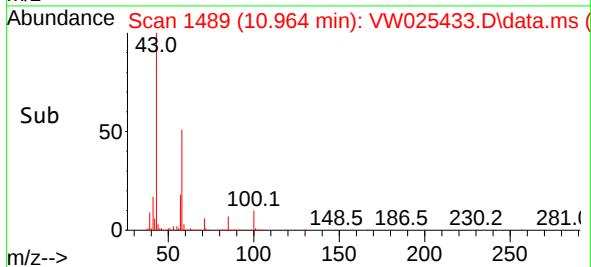
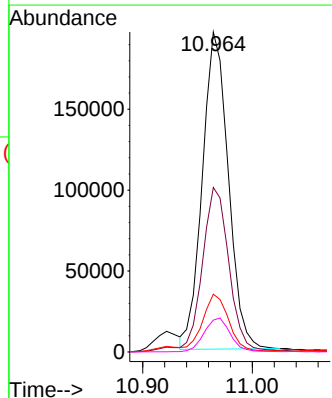
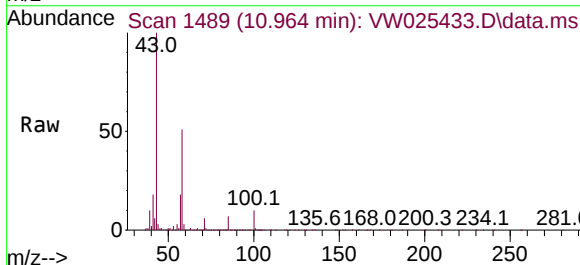
Ion	Ratio	Lower	Upper
164	100		
129	101.5	67.7	125.7
131	90.0	67.0	124.4
166	127.1	86.5	160.7

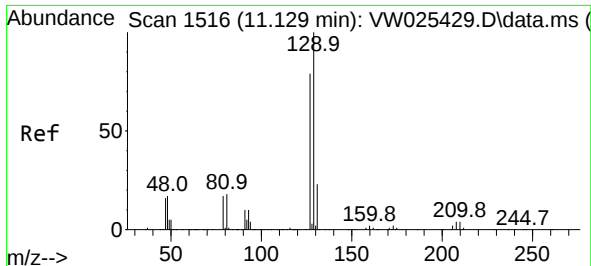


#48
2-Hexanone
Concen: 114.950 ug/L
RT: 10.964 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

Tgt Ion: 43 Resp: 323153

Ion	Ratio	Lower	Upper
43	100		
58	52.5	41.2	61.8
57	17.6	14.2	21.4
100	10.8	8.5	12.7

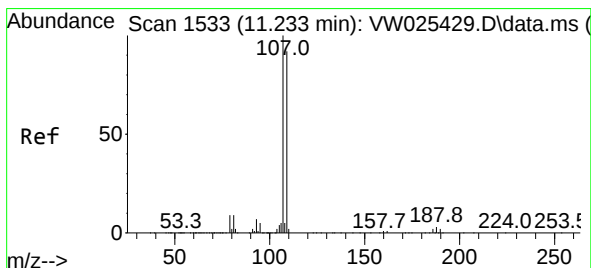
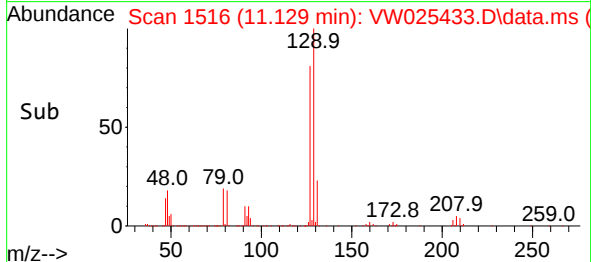
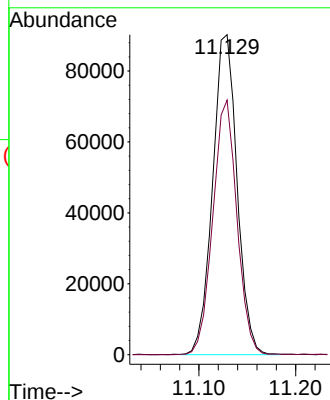
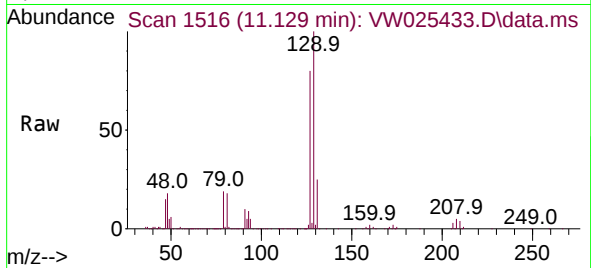




#49
Dibromochloromethane
Concen: 34.013 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

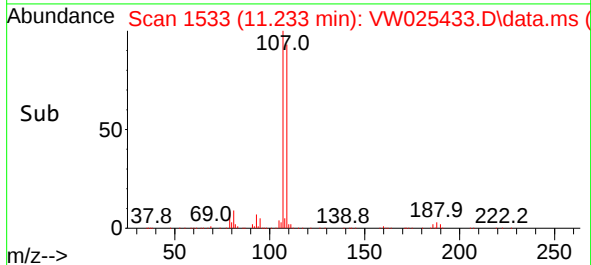
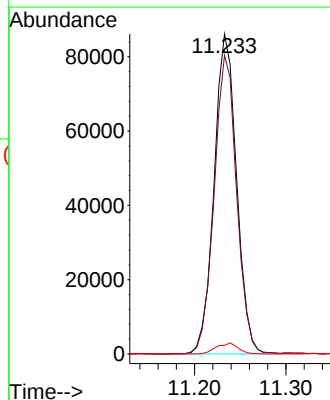
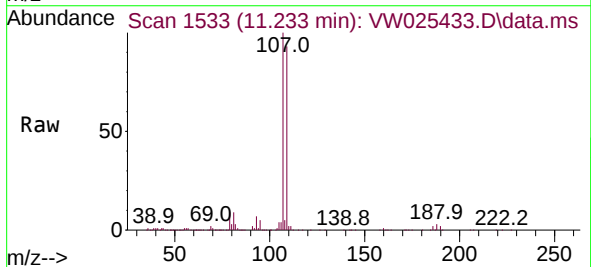
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MSD

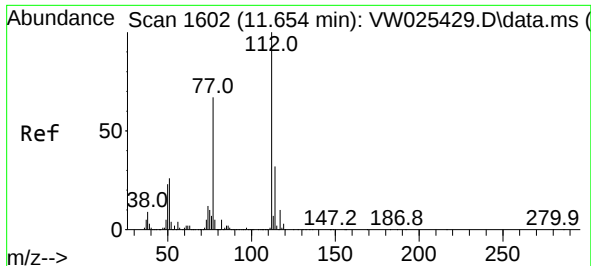
Tgt Ion:129 Resp: 158671
Ion Ratio Lower Upper
129 100
127 79.6 52.8 98.2



#50
1,2-Dibromoethane
Concen: 36.396 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

Tgt Ion:107 Resp: 147090
Ion Ratio Lower Upper
107 100
109 93.3 62.9 116.9
188 2.7 3.0 4.4#

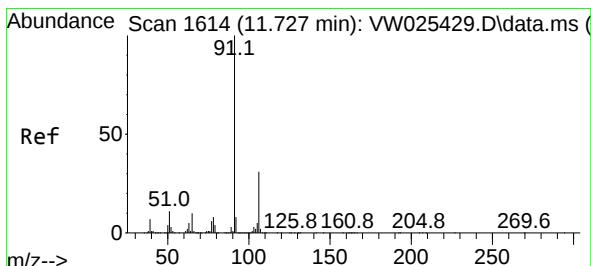
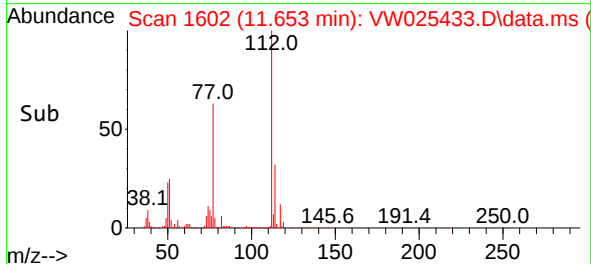
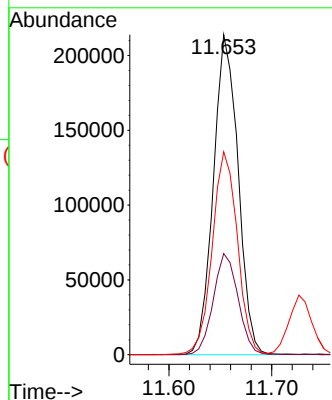
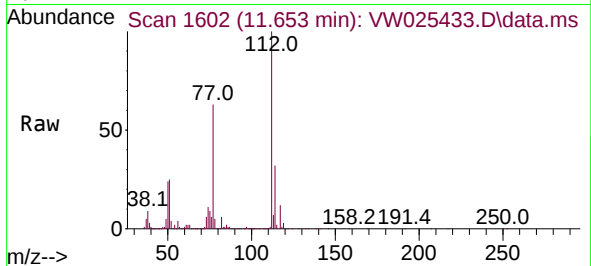




#51
Chlorobenzene
Concen: 23.098 ug/L
RT: 11.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

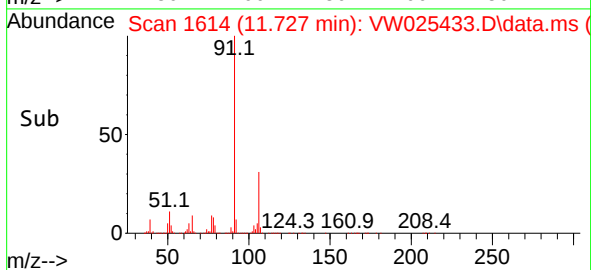
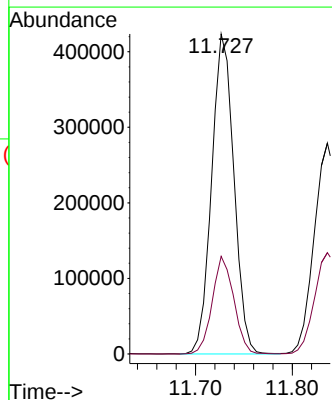
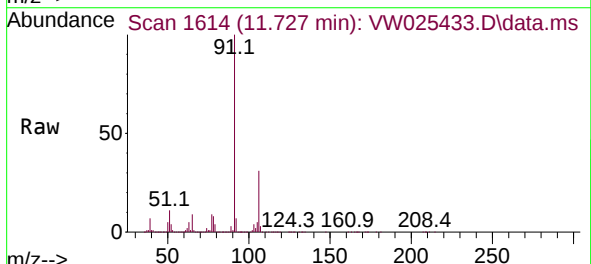
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MSD

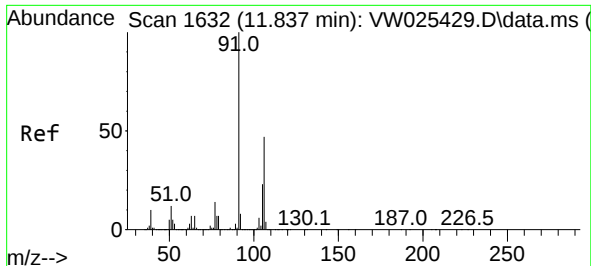
Tgt Ion:112 Resp: 357489
Ion Ratio Lower Upper
112 100
114 31.6 21.9 40.7
77 63.4 51.8 77.8



#52
Ethylbenzene
Concen: 24.340 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

Tgt Ion: 91 Resp: 676939
Ion Ratio Lower Upper
91 100
106 30.5 22.0 41.0

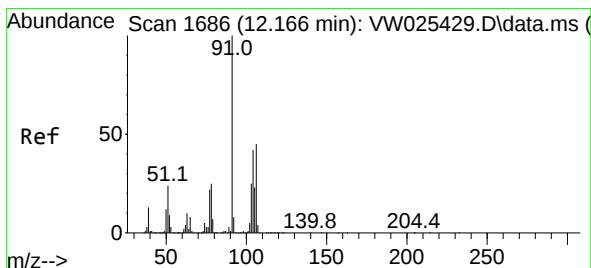
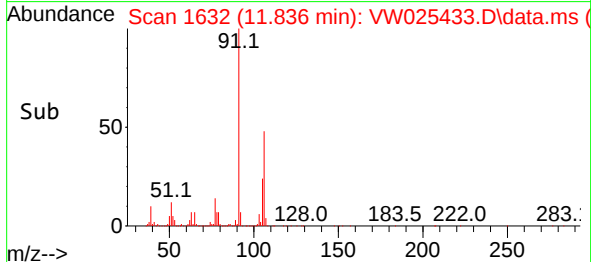
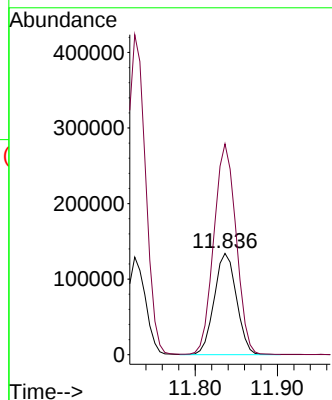
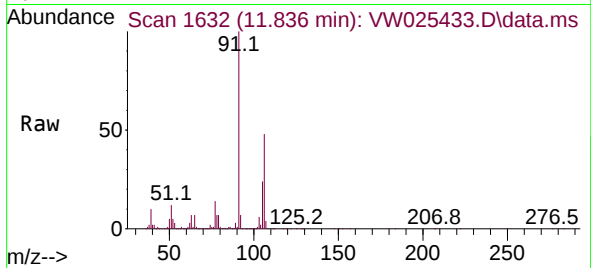




#53
m,p-Xylene
Concen: 24.641 ug/L
RT: 11.836 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

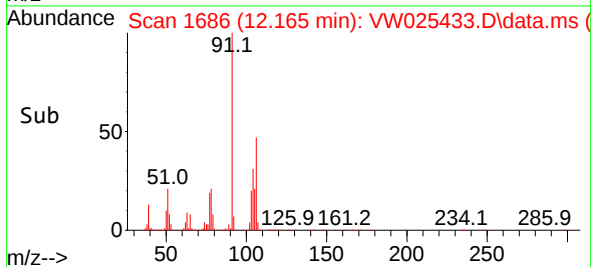
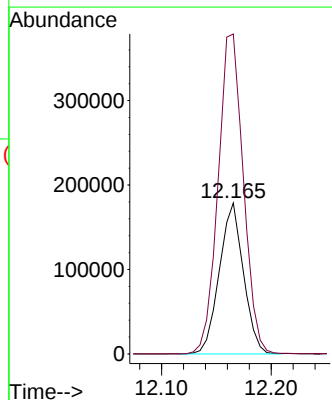
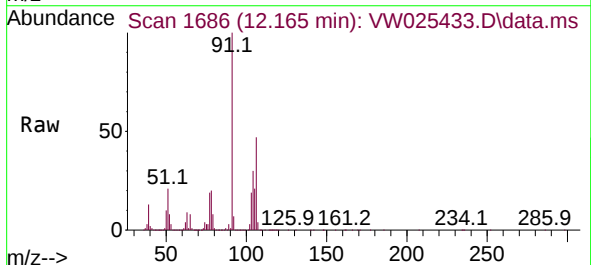
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MSD

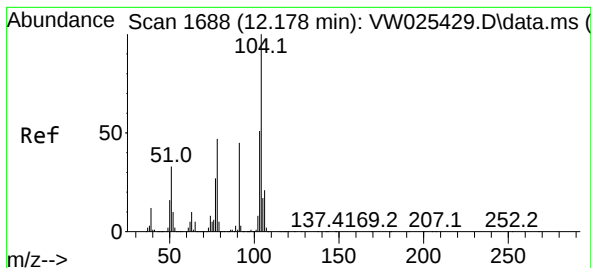
Tgt Ion:106 Resp: 252769
Ion Ratio Lower Upper
106 100
91 208.1 144.2 267.8



#54
o-Xylene
Concen: 28.262 ug/L
RT: 12.165 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

Tgt Ion:106 Resp: 272806
Ion Ratio Lower Upper
106 100
91 211.9 154.6 287.2





#55

Styrene

Concen: 22.978 ug/L

RT: 12.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW025433.D

Acq: 20 Mar 2023 11:15

Instrument :

MSVOA_W

ClientSampleId :

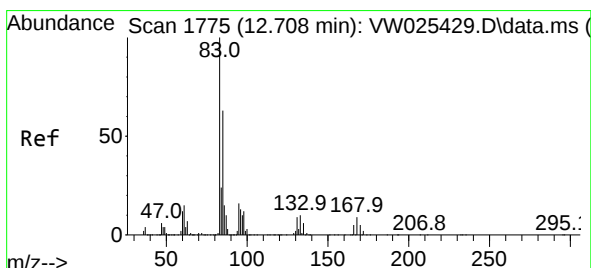
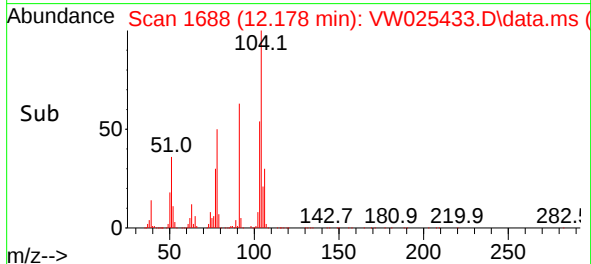
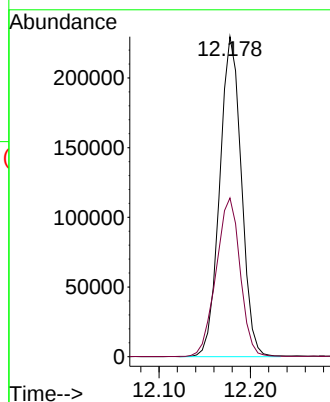
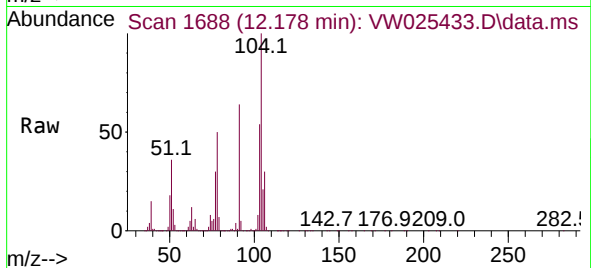
EYGA2MSD

Tgt Ion:104 Resp: 378766

Ion Ratio Lower Upper

104 100

78 49.6 31.1 57.9



#57

1,1,2,2-Tetrachloroethane

Concen: 45.735 ug/L

RT: 12.714 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VW025433.D

Acq: 20 Mar 2023 11:15

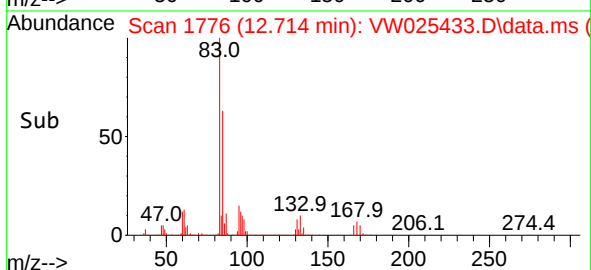
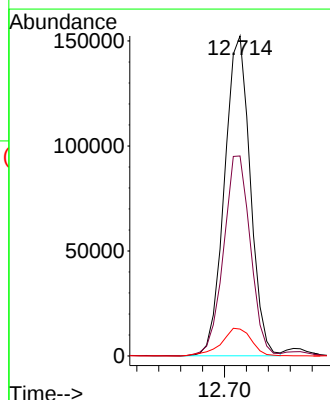
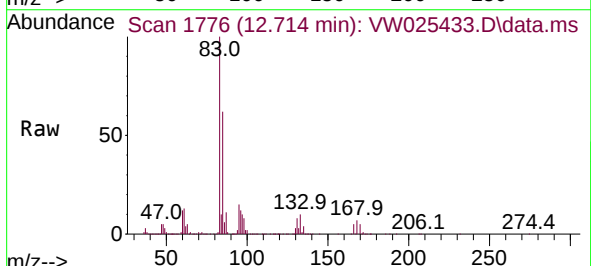
Tgt Ion: 83 Resp: 248382

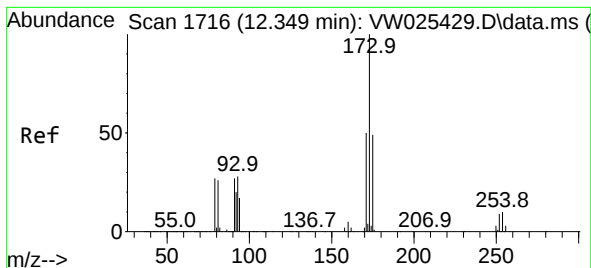
Ion Ratio Lower Upper

83 100

85 62.5 45.4 84.2

131 8.4 8.0 12.0





#59

Bromoform

Concen: 60.409 ug/L

RT: 12.348 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW025433.D

Acq: 20 Mar 2023 11:15

Instrument :

MSVOA_W

ClientSampleId :

EYGA2MSD

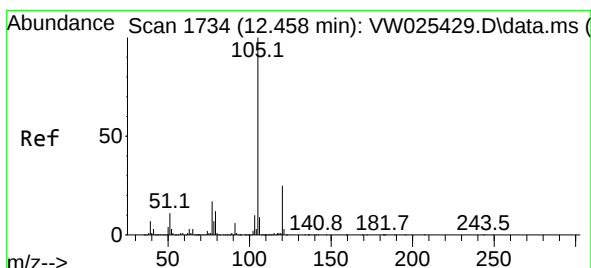
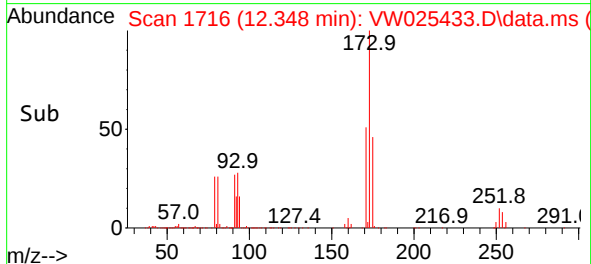
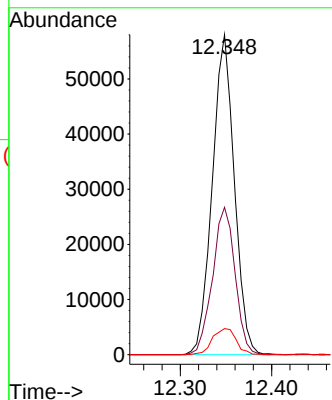
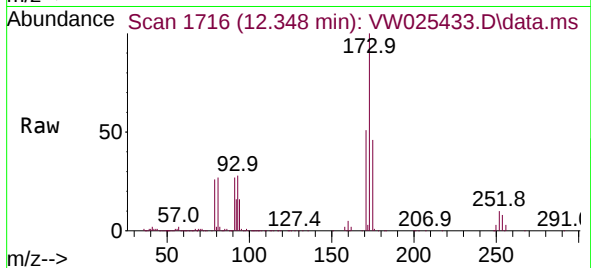
Tgt Ion:173 Resp: 97085

Ion Ratio Lower Upper

173 100

175 47.1 38.6 57.8

254 8.8 7.9 11.9



#60

Isopropylbenzene

Concen: 40.044 ug/L

RT: 12.464 min Scan# 1735

Delta R.T. 0.006 min

Lab File: VW025433.D

Acq: 20 Mar 2023 11:15

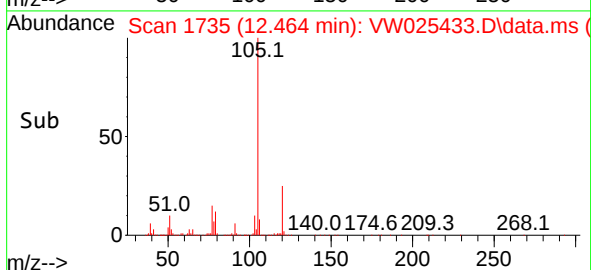
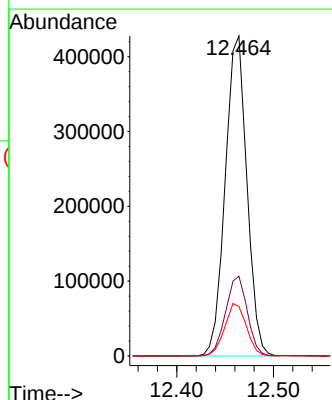
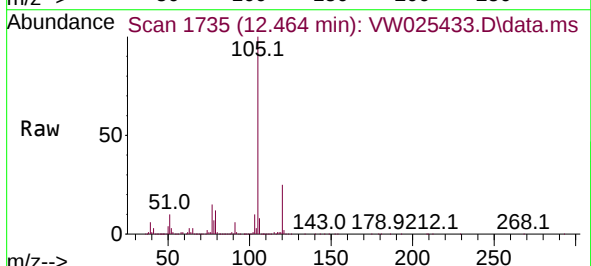
Tgt Ion:105 Resp: 664939

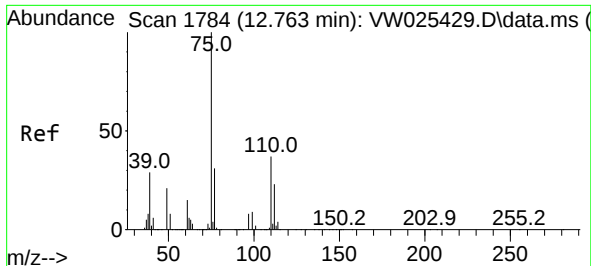
Ion Ratio Lower Upper

105 100

120 25.1 20.9 31.3

77 16.4 13.1 19.7

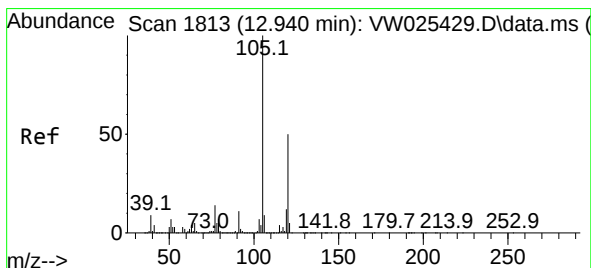
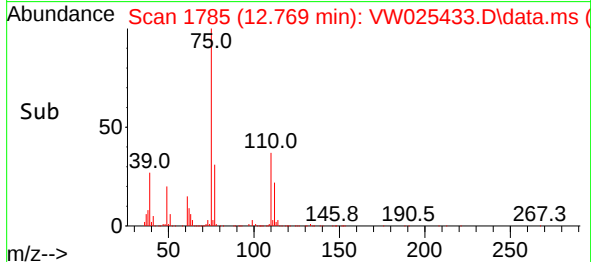
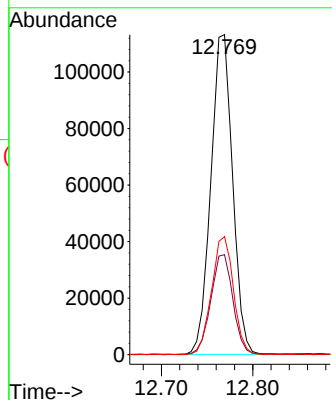
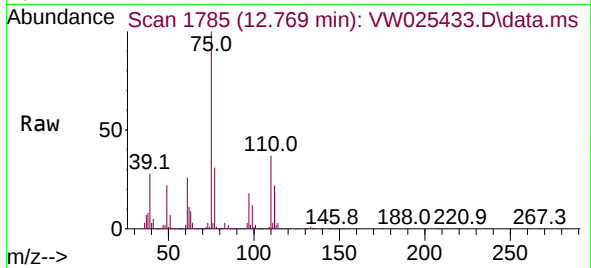




#61
1,2,3-Trichloropropane
Concen: 77.059 ug/L
RT: 12.769 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

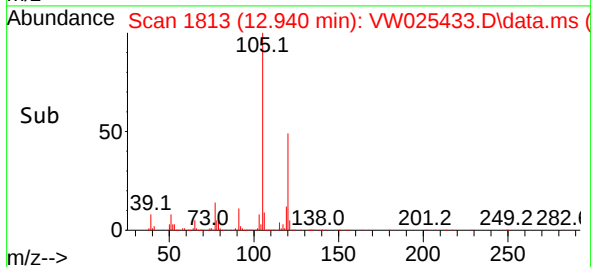
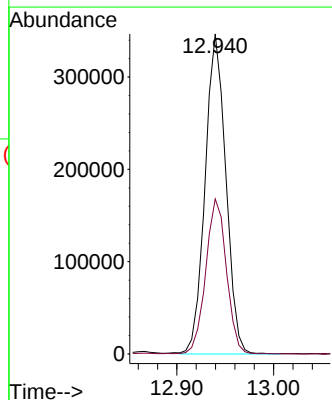
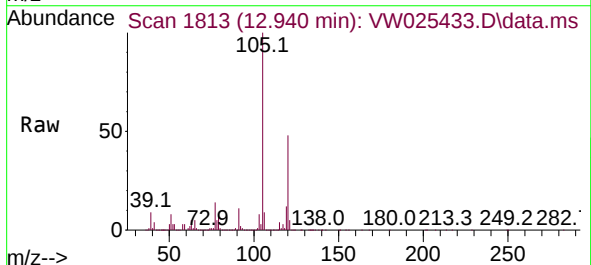
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MSD

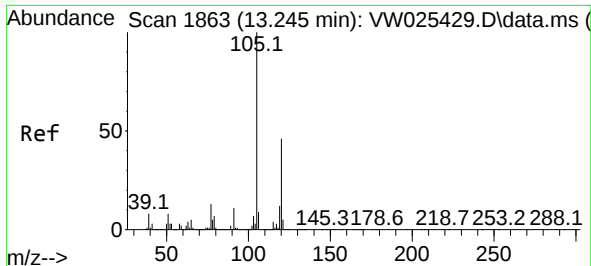
Tgt Ion: 75 Resp: 187017
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.2
110 37.1 28.9 43.3



#62
1,3,5-Trimethylbenzene
Concen: 39.265 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

Tgt Ion: 105 Resp: 516386
Ion Ratio Lower Upper
105 100
120 48.0 39.3 58.9

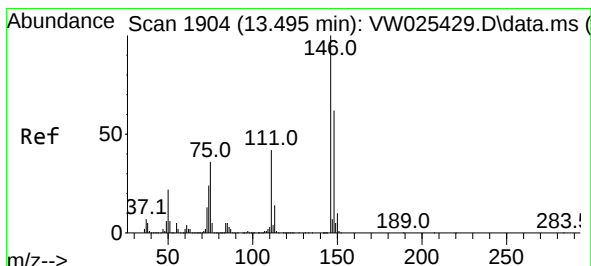
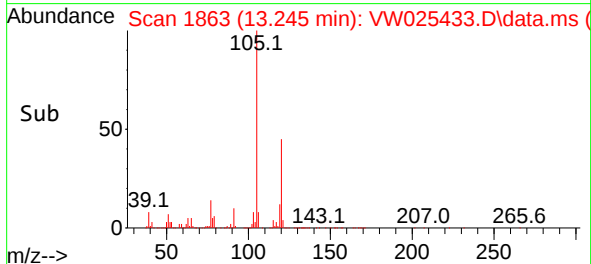
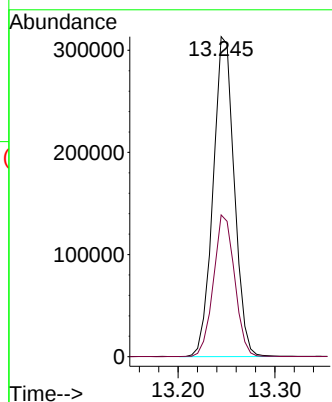
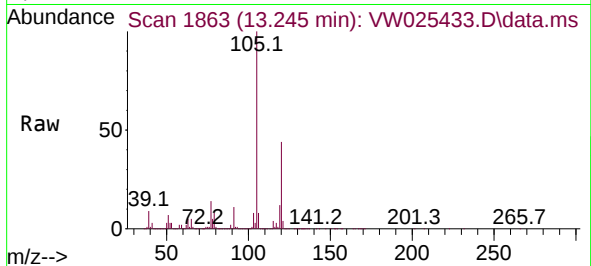




#63
1,2,4-Trimethylbenzene
Concen: 36.774 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

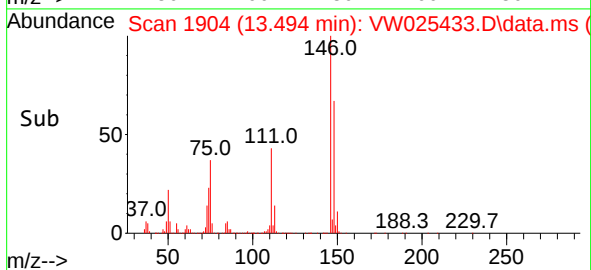
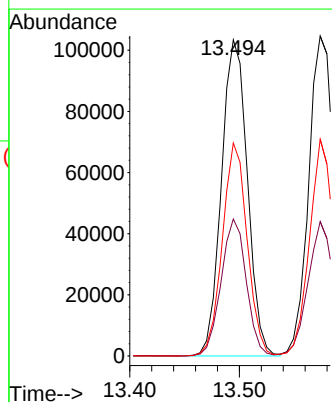
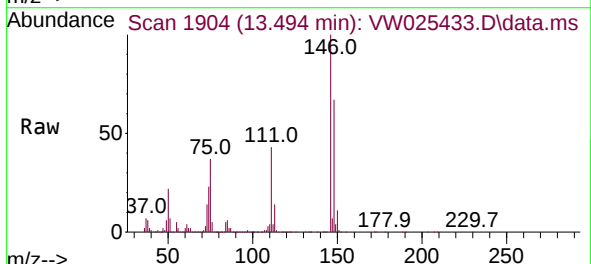
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MSD

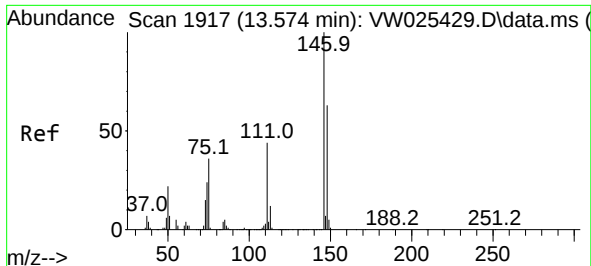
Tgt Ion:105 Resp: 476443
Ion Ratio Lower Upper
105 100
120 44.3 36.0 54.0



#64
1,3-Dichlorobenzene
Concen: 24.170 ug/L
RT: 13.494 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

Tgt Ion:146 Resp: 170065
Ion Ratio Lower Upper
146 100
111 43.3 29.7 55.1
148 67.3 44.2 82.2

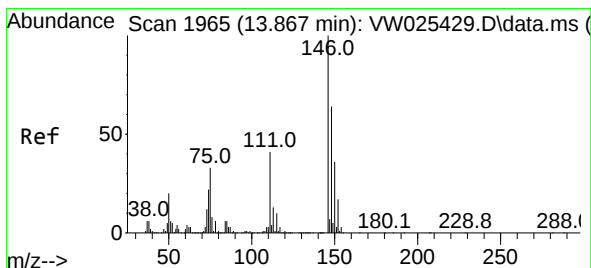
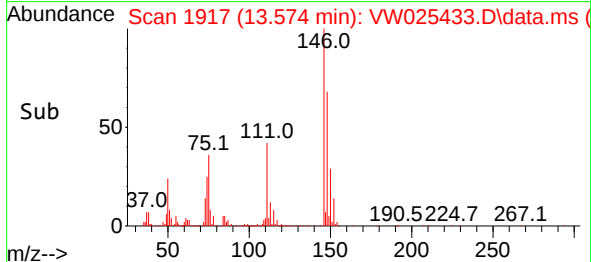
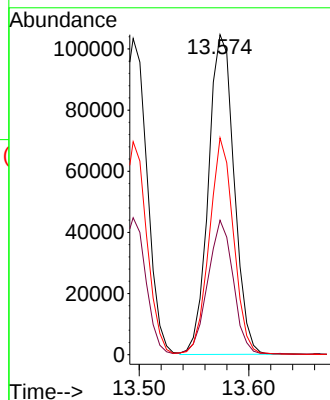
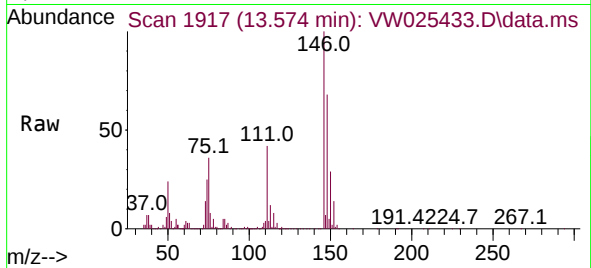




#65
1,4-Dichlorobenzene
Concen: 23.615 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

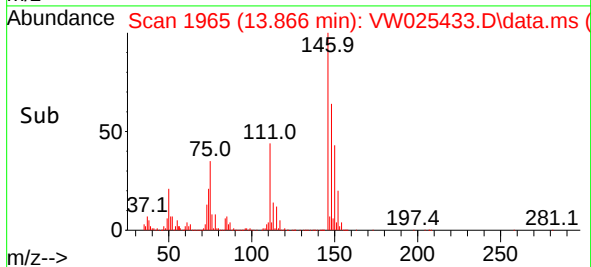
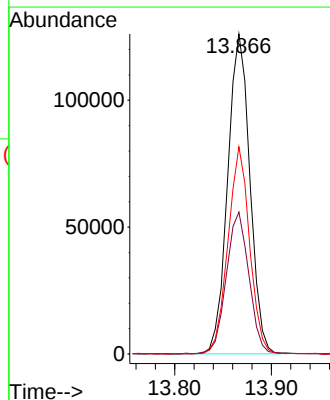
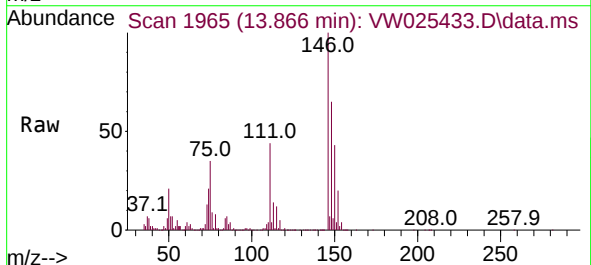
Instrument :
MSVOA_W
ClientSampleId :
EYGA2MSD

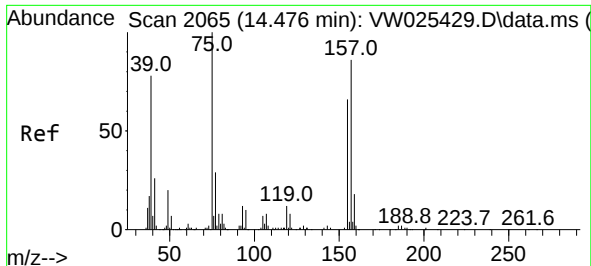
Tgt Ion:146 Resp: 170438
Ion Ratio Lower Upper
146 100
111 42.0 28.2 52.4
148 67.8 39.8 73.8



#67
1,2-Dichlorobenzene
Concen: 31.817 ug/L
RT: 13.866 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW025433.D
Acq: 20 Mar 2023 11:15

Tgt Ion:146 Resp: 200789
Ion Ratio Lower Upper
146 100
111 44.4 36.6 54.8
148 64.7 53.4 80.2





#68

1,2-Dibromo-3-chloropropane

Concen: 74.497 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW025433.D

Acq: 20 Mar 2023 11:15

Instrument :

MSVOA_W

ClientSampleId :

EYGA2MSD

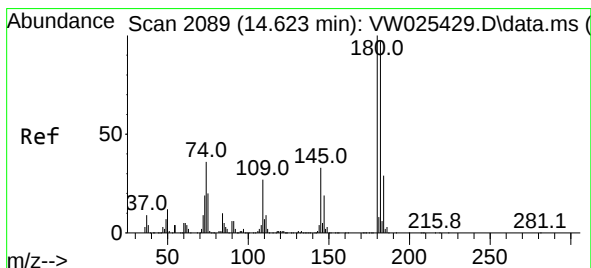
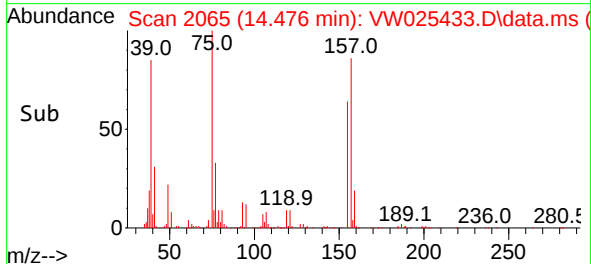
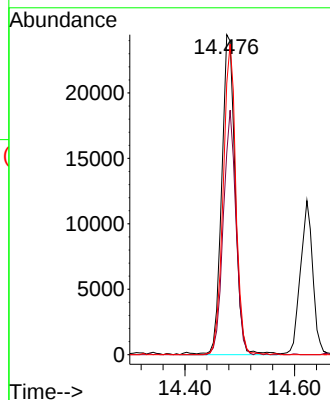
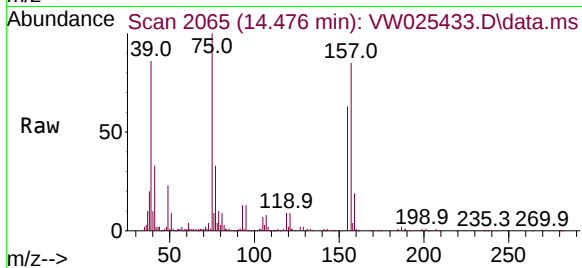
Tgt Ion: 75 Resp: 41856

Ion Ratio Lower Upper

75 100

155 63.0 55.4 83.0

157 84.8 75.3 112.9



#69

1,3,5-Trichlorobenzene

Concen: 18.395 ug/L

RT: 14.622 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW025433.D

Acq: 20 Mar 2023 11:15

Tgt Ion:180 Resp: 87986

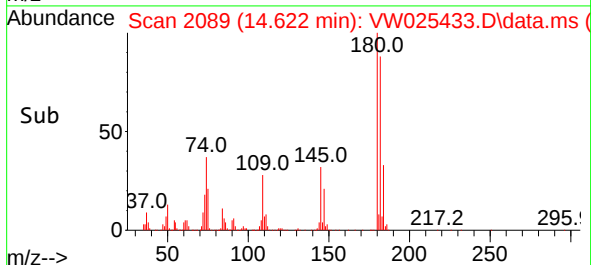
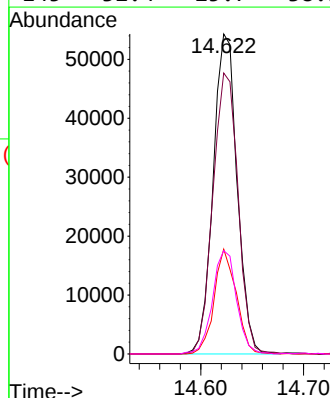
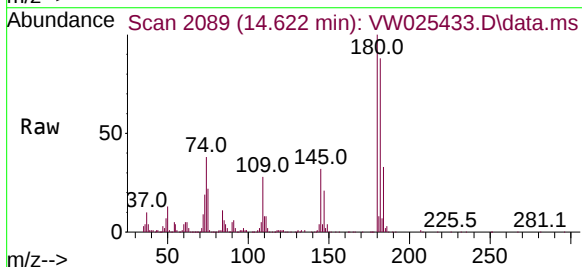
Ion Ratio Lower Upper

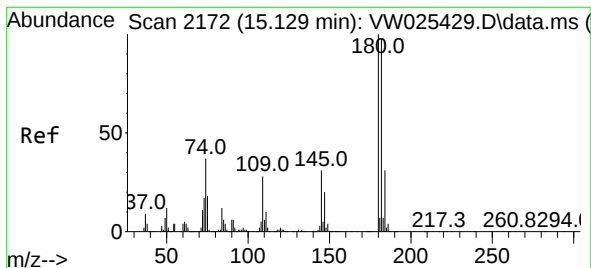
180 100

182 92.1 77.1 115.7

184 30.3 24.7 37.1

145 32.4 25.7 38.5





#70

1,2,4-trichlorobenzene

Concen: 15.196 ug/L

RT: 15.128 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW025433.D

Acq: 20 Mar 2023 11:15

Instrument :

MSVOA_W

ClientSampleId :

EYGA2MSD

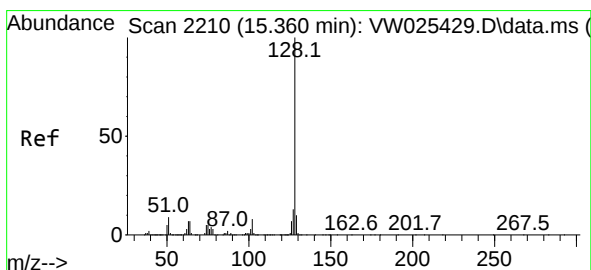
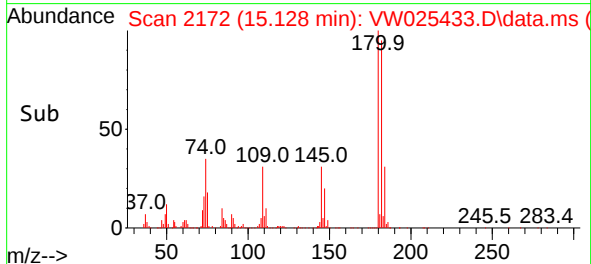
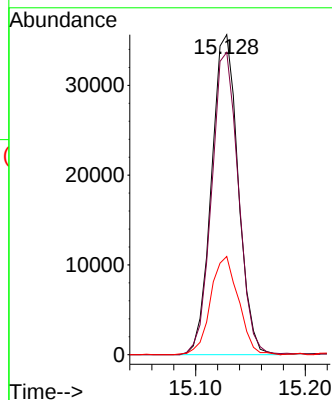
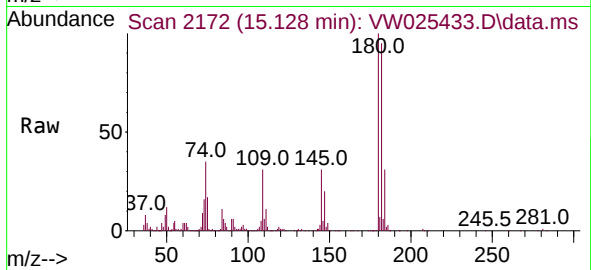
Tgt Ion:180 Resp: 60266

Ion Ratio Lower Upper

180 100

182 94.7 75.5 113.3

145 32.1 25.2 37.8



#71

Naphthalene

Concen: 39.679 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW025433.D

Acq: 20 Mar 2023 11:15

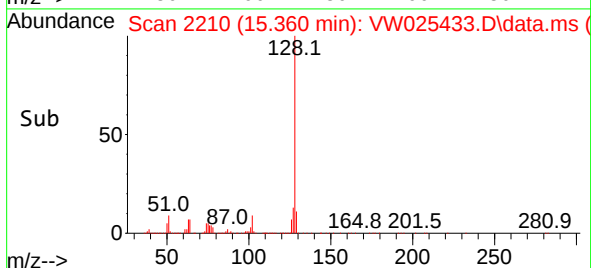
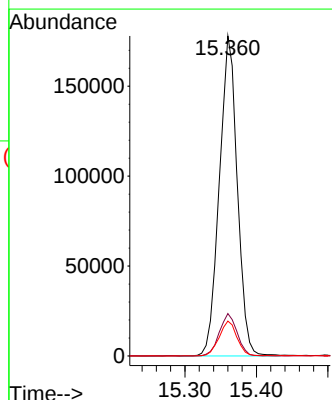
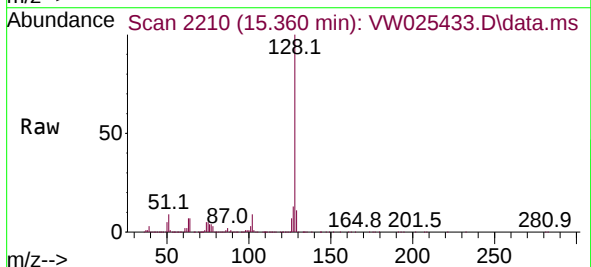
Tgt Ion:128 Resp: 310618

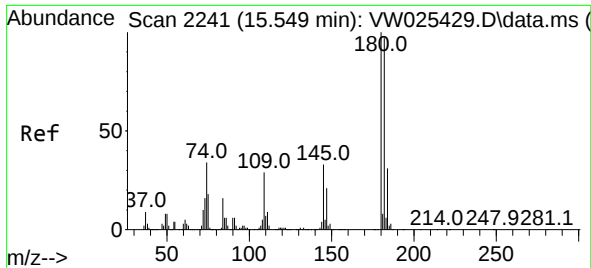
Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 10.8 8.6 13.0





#72
 1,2,3-Trichlorobenzene
 Concen: 20.098 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW025433.D
 Acq: 20 Mar 2023 11:15

Instrument :
 MSVOA_W
 ClientSampleId :
 EYGA2MSD

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	76.6	114.8
145	35.7	27.7	41.5

